Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11RE 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

Quant Time: Feb 27 01:13:13 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	7.69	152	333822	20.00	ng		-0.02
21) Naphthalene-d8	10.48	136	1213473	20.00	ng		-0.02
39) Acenaphthene-d10	14.34	164	585722	20.00	ng		-0.02
64) Phenanthrene-d10	17.10	188	1202779	20.00	ng		-0.02
76) Chrysene-d12	21.29	240	1304399	20.00	ng		-0.02
87) Perylene-d12	23.54	264	1434093	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1026285	50.37	ng		-0.02
7) Phenol-d6	6.87	99	1391315	48.47	ng		-0.02
23) Nitrobenzene-d5	8.86	82	880379	33.55	ng		-0.03
42) 2,4,6-Tribromophenol	15.84	330	379246	44.92	ng		-0.02
45) 2-Fluorobiphenyl	12.96	172	1393342	31.58	ng		-0.02
79) Terphenyl-d14	19.73	244	1763162	27.88	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.87	77	5452	Below Cal		#	16
10) Phenol	6.89	94	102812	3.404	ng		95
58) Fluorene	15.40	166	127718	2.857	ng		99
71) Phenanthrene	17.14	178	1026807	15.885	ng		99
72) Anthracene	17.23	178	330750	5.257	ng		99
75) Fluoranthene	19.16	202	1678341	22.478	ng		97
78) Pyrene	19.53	202	1389584	18.342	ng		100
81) Benzo(a)anthracene	21.27	228	809464	10.646	ng		98
83) Chrysene	21.33	228	692221	9.498	ng		97
86) Indeno(1,2,3-cd)pyrene	25.83	276	447655	5.320	ng		95
88) Benzo(b)fluoranthene	22.87	252	981760	11.965	ng		95
89) Benzo(k)fluoranthene	22.87	252	979907	11.996	ng	#	95
90) Benzo(a)pyrene	23.44	252	682994	8.787	ng	#	95
92) Benzo(g,h,i)perylene	26.53	276	405677	5.659	ng		98

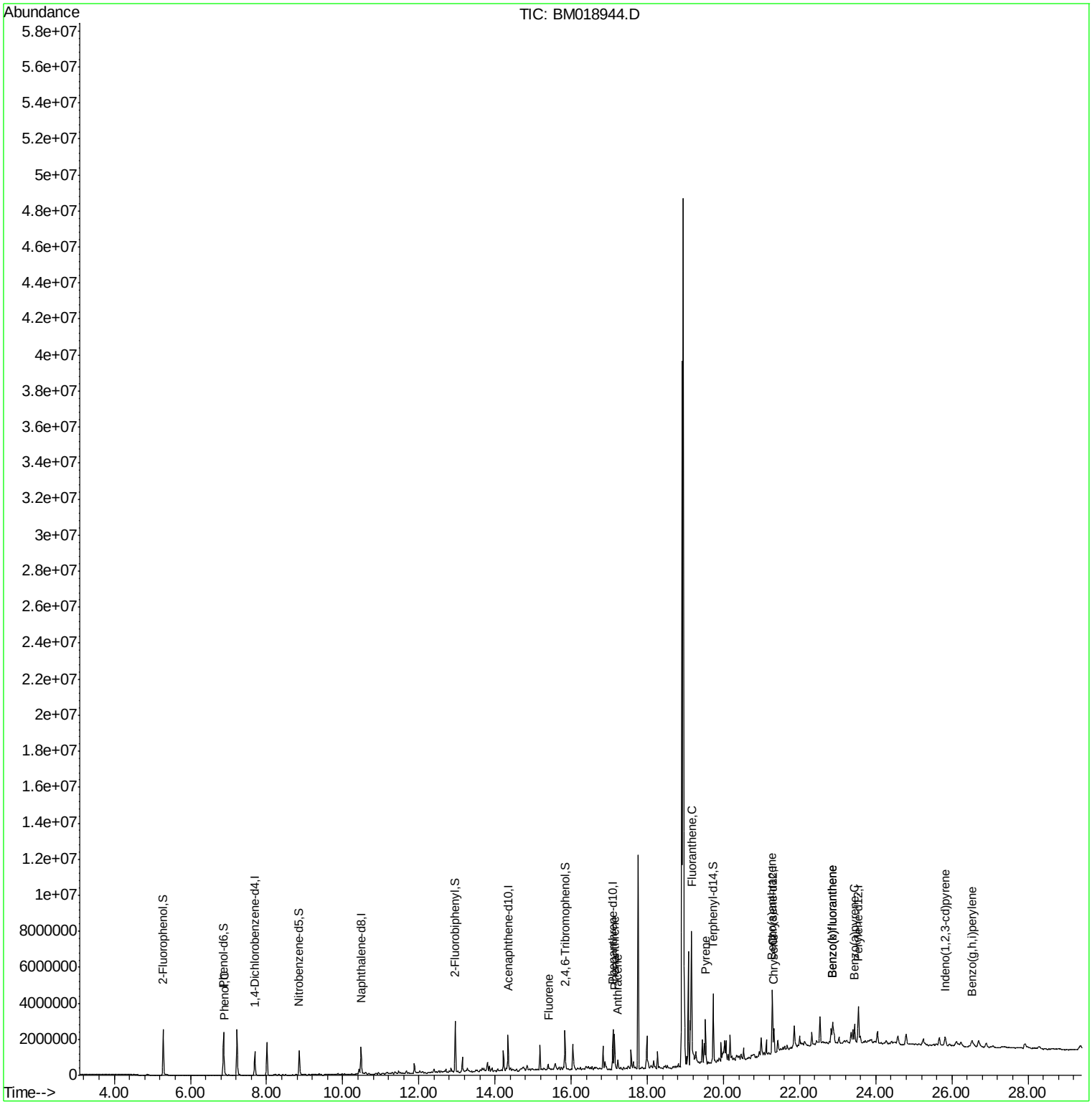
(#) = qualifier out of range (m) = manual integration (+) = signals summed

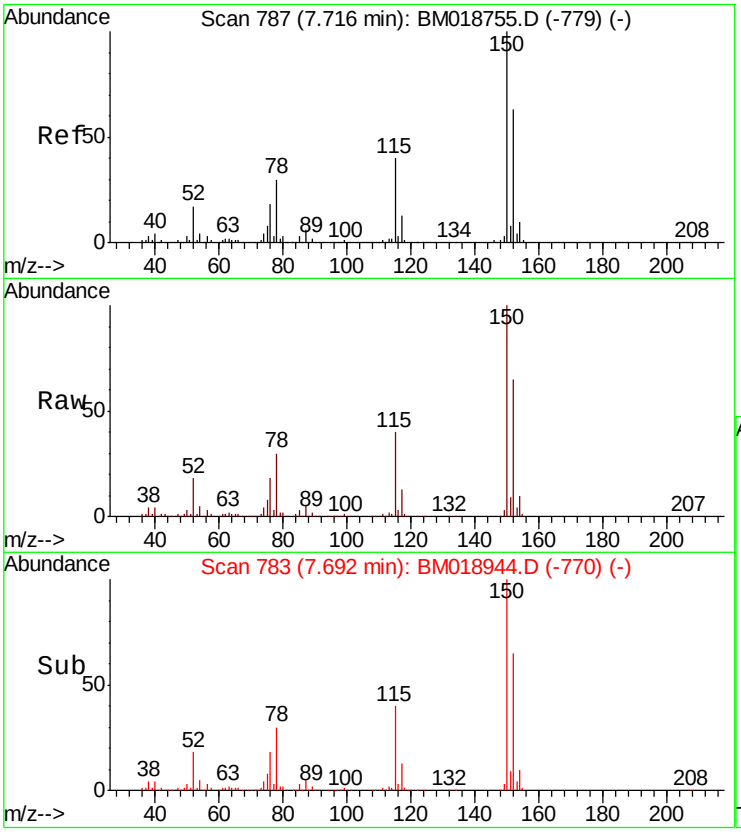
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11RE 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-022219-B

Quant Time: Feb 27 01:13:13 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



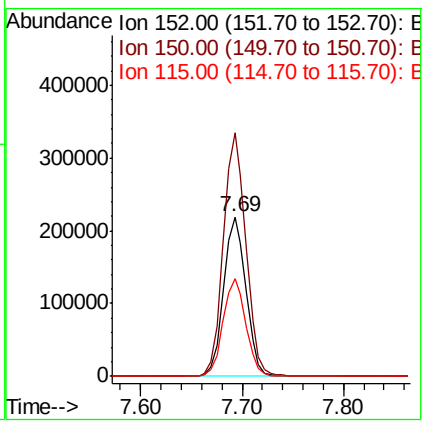


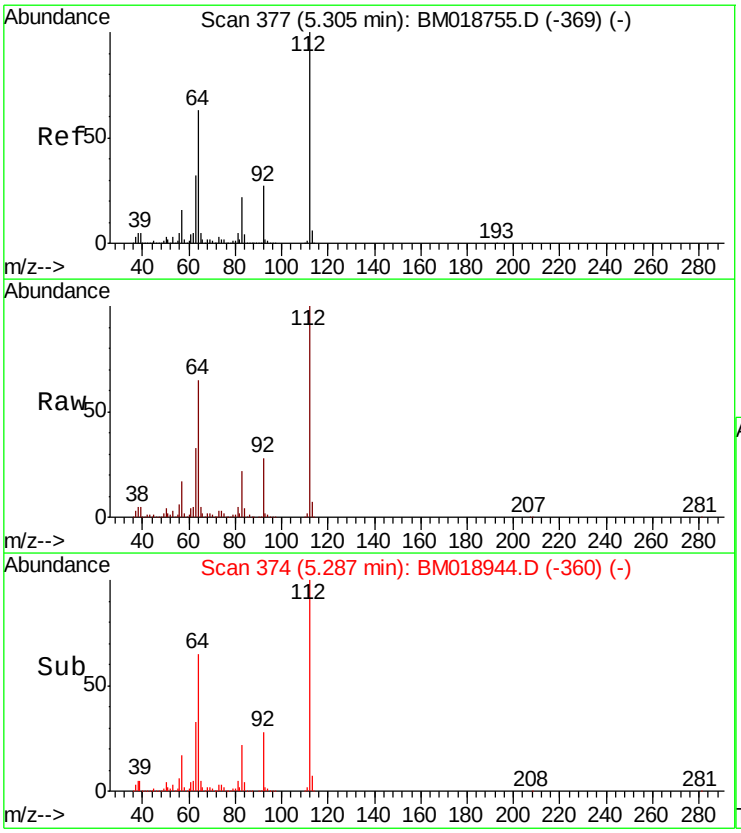
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Instrument :
BNA_M
ClientSampleId :
SU-02-022219-B

Tgt Ion:152 Resp: 333822

Ion	Ratio	Lower	Upper
152	100		
150	152.7	127.3	190.9
115	61.3	50.8	76.2

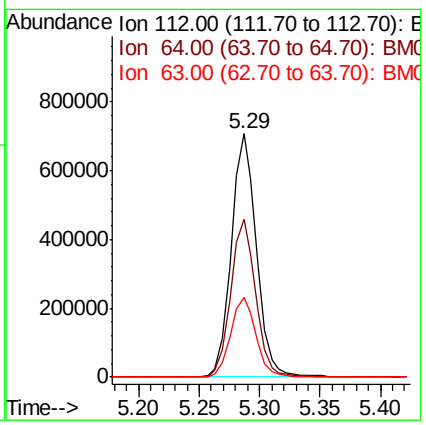


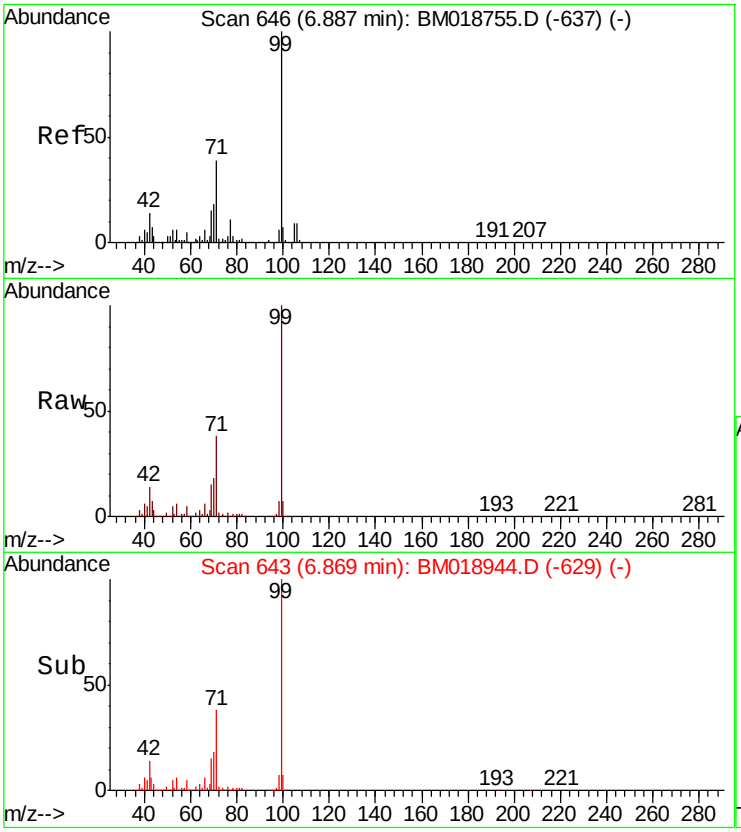


#5
2-Fluorophenol
Concen: 50.372 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Tgt Ion:112 Resp: 1026285

Ion	Ratio	Lower	Upper
112	100		
64	64.8	50.6	75.8
63	32.6	25.7	38.5



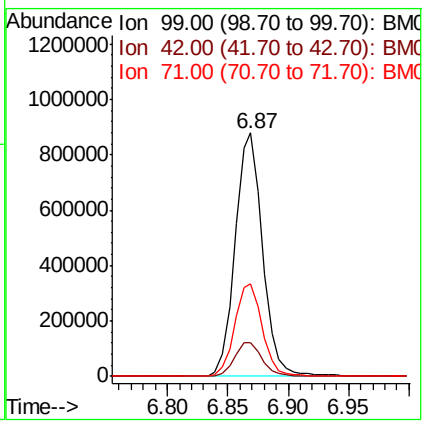


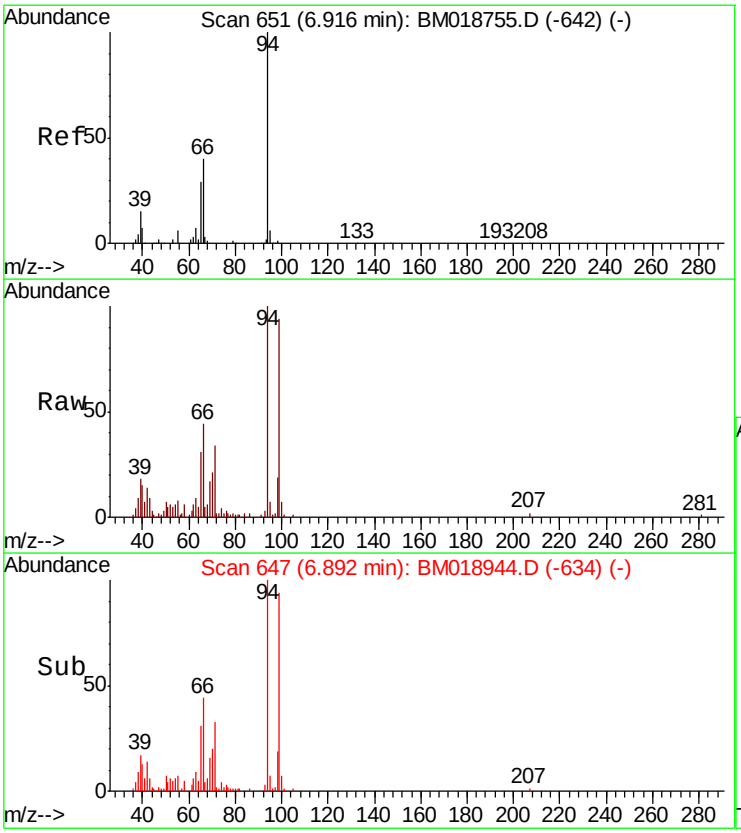
#7
Phenol-d6
Concen: 48.475 ng
RT: 6.87 min Scan# 643
Delta R.T. -0.02 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Instrument :
BNA_M
ClientSampleId :
SU-02-022219-B

Tgt Ion: 99 Resp: 1391315

Ion	Ratio	Lower	Upper
99	100		
42	13.6	11.0	16.6
71	37.8	31.3	46.9

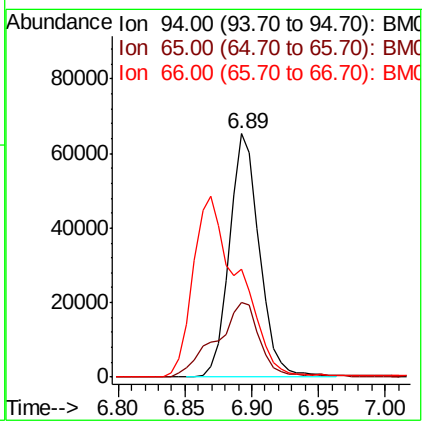


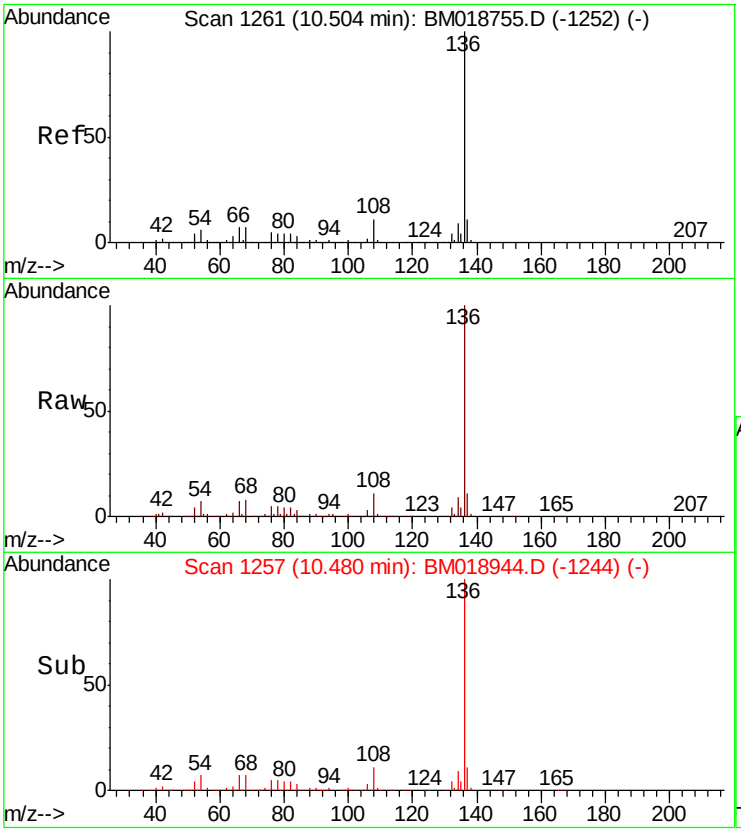


#10
Phenol
Concen: 3.404 ng
RT: 6.89 min Scan# 647
Delta R.T. -0.02 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Tgt Ion: 94 Resp: 102812

Ion	Ratio	Lower	Upper
94	100		
65	30.6	9.6	49.6
66	44.5	20.4	60.4



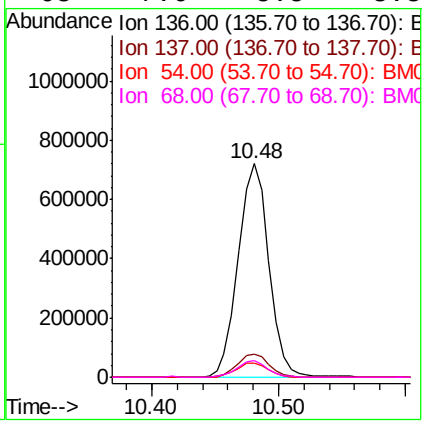


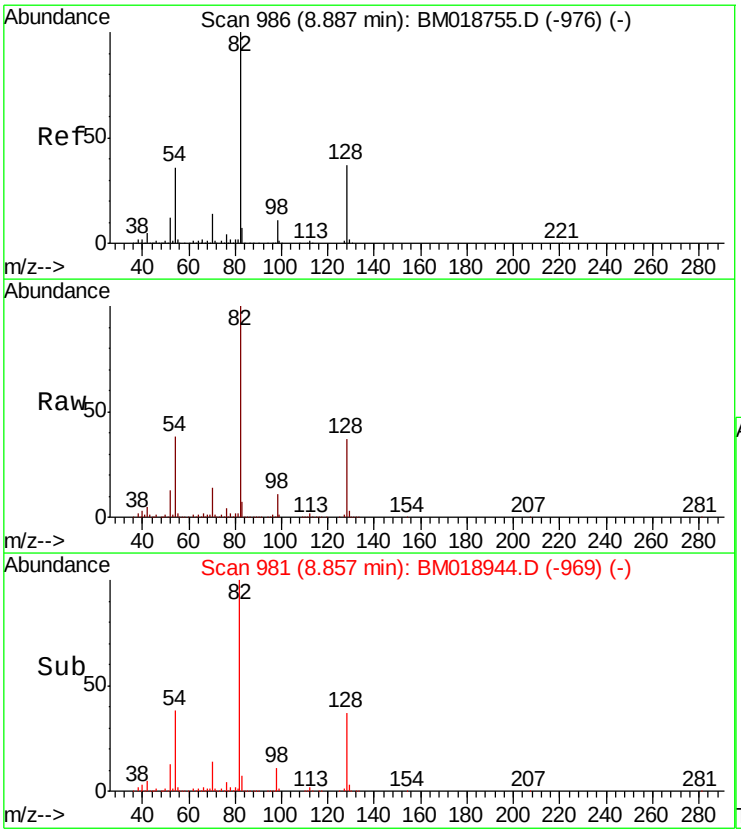
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Instrument :
BNA_M
ClientSampleId :
SU-02-022219-B

Tgt Ion:136 Resp: 1213473

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.8	5.0	7.6
68	7.6	5.5	8.3

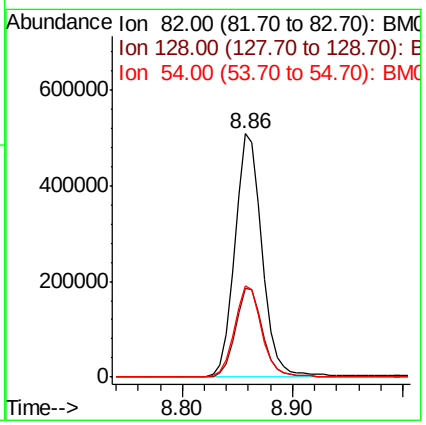


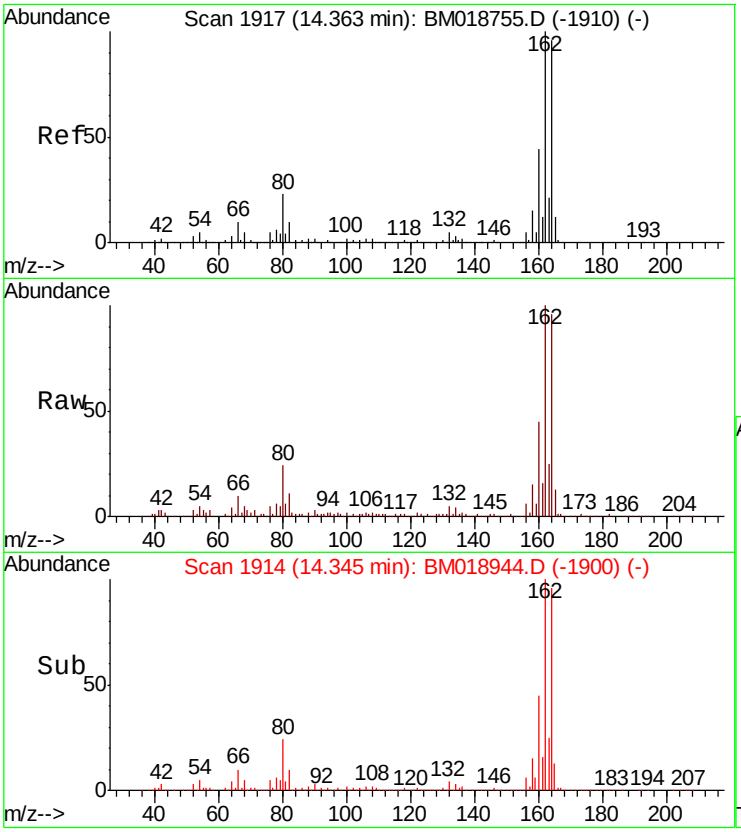


#23
Nitrobenzene-d5
Concen: 33.546 ng
RT: 8.86 min Scan# 981
Delta R.T. -0.03 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Tgt Ion: 82 Resp: 880379

Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.9	44.9
54	37.8	29.1	43.7



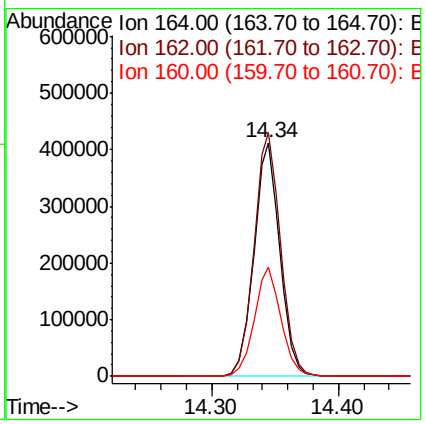


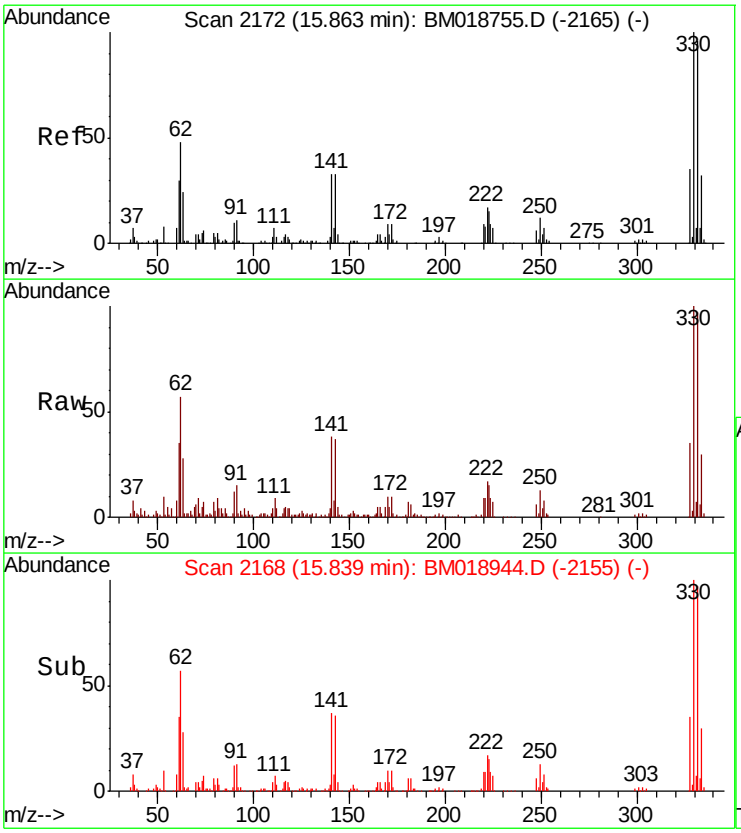
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Instrument :
BNA_M
ClientSampleId :
SU-02-022219-B

Tgt Ion:164 Resp: 585722

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.4	125.0
160	46.5	36.6	55.0

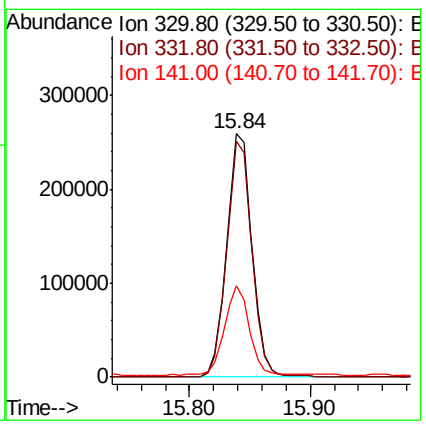


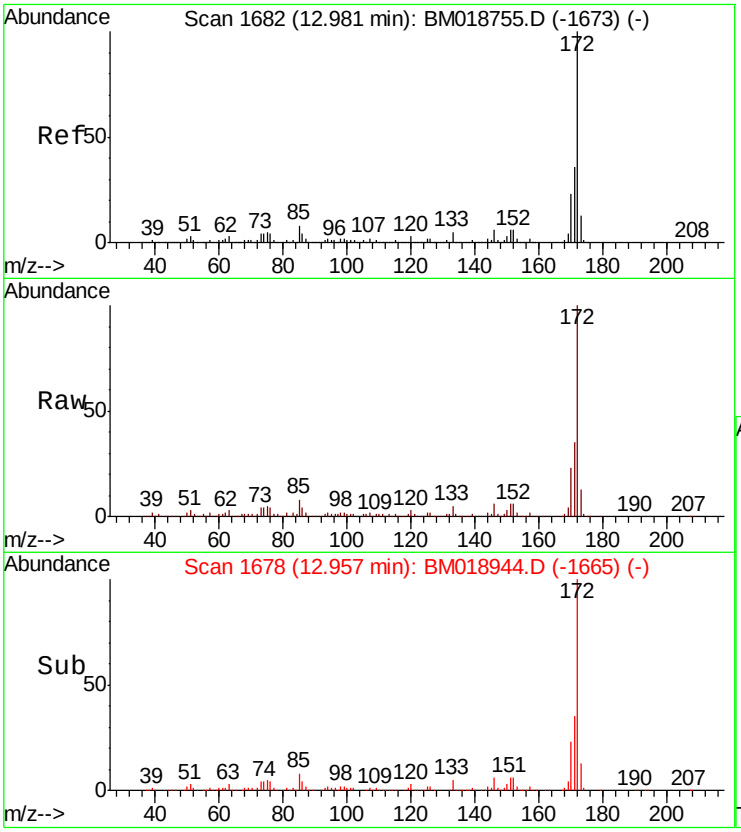


#42
2,4,6-Tribromophenol
Concen: 44.918 ng
RT: 15.84 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Tgt Ion:330 Resp: 379246

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	36.0	28.7	43.1



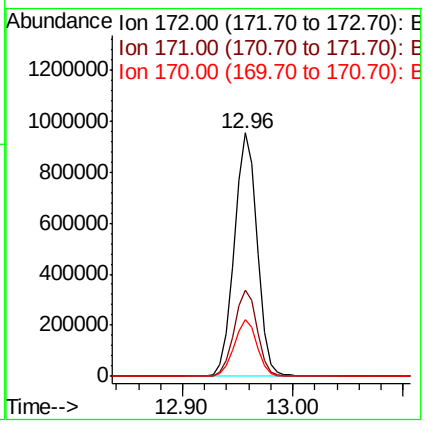


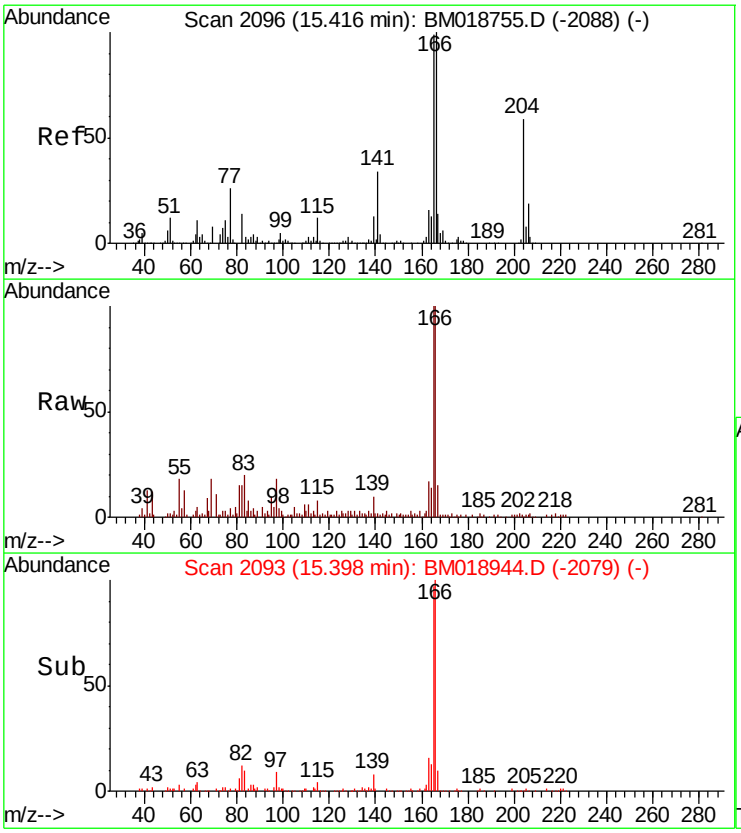
#45
2-Fluorobiphenyl
Concen: 31.579 ng
RT: 12.96 min Scan# 1678
Delta R.T. -0.02 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Instrument :
BNA_M
ClientSampleId :
SU-02-022219-B

Tgt Ion:172 Resp: 1393342

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.0	43.6
170	23.3	18.6	28.0

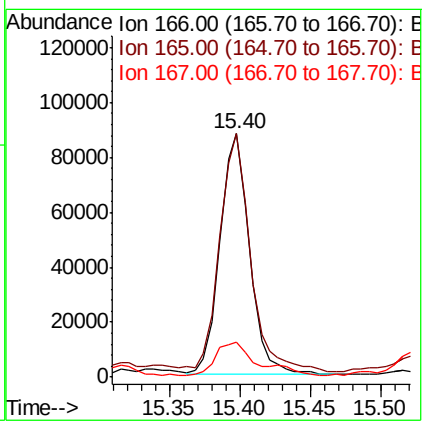


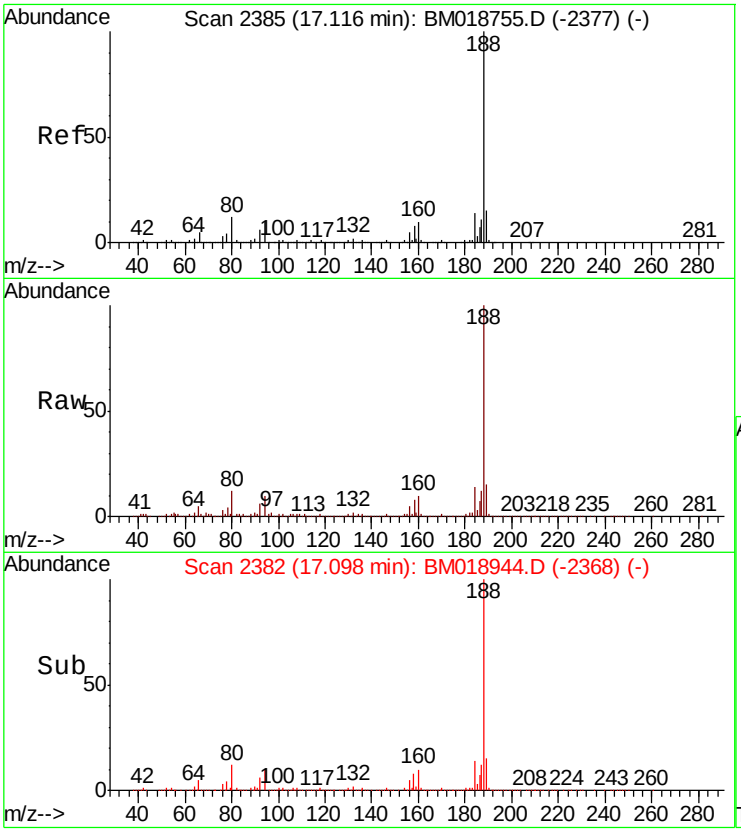


#58
Fluorene
Concen: 2.857 ng
RT: 15.40 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Tgt Ion:166 Resp: 127718

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.1	118.7
167	14.6	11.0	16.4



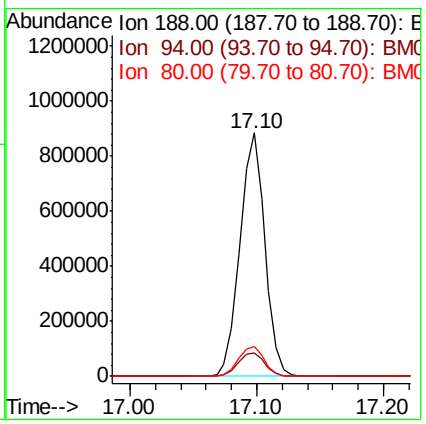


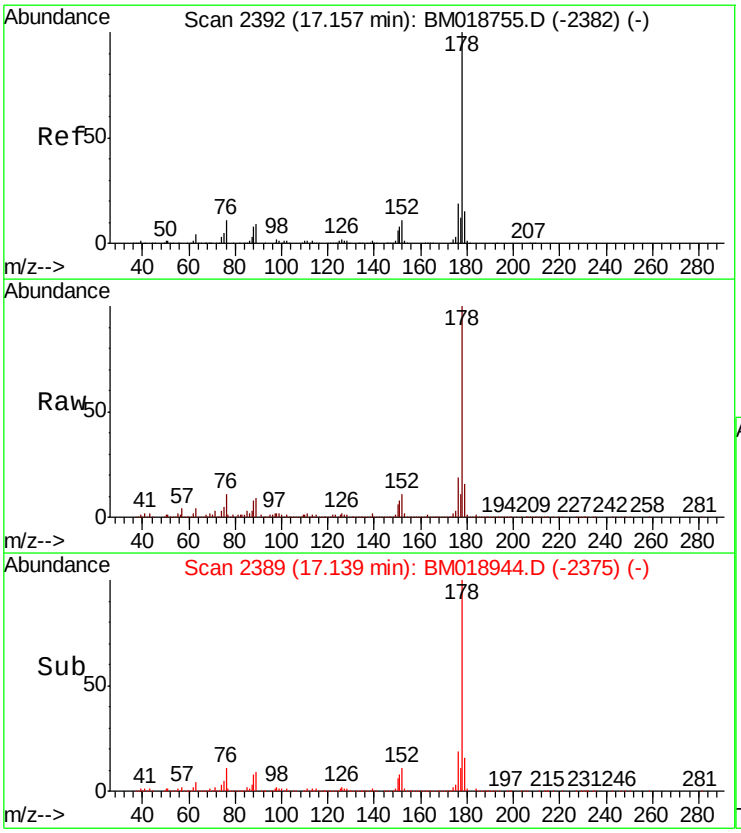
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Instrument :
BNA_M
ClientSampleId :
SU-02-022219-B

Tgt Ion:188 Resp: 1202779

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

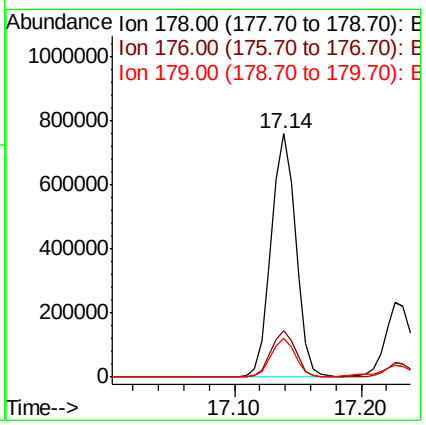


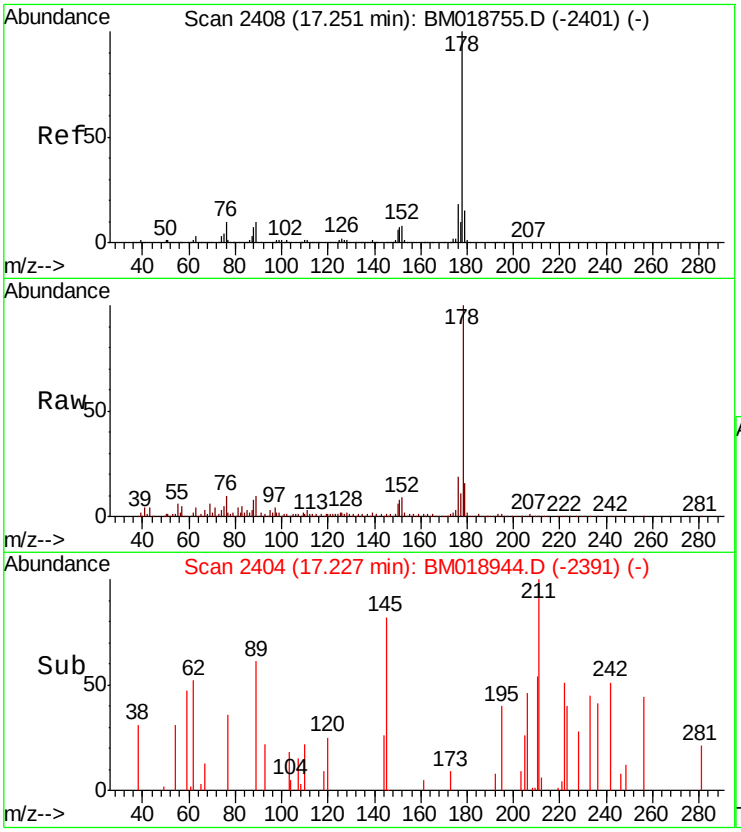


#71
Phenanthrene
Concen: 15.885 ng
RT: 17.14 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Tgt Ion:178 Resp: 1026807

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.8	12.3	18.5



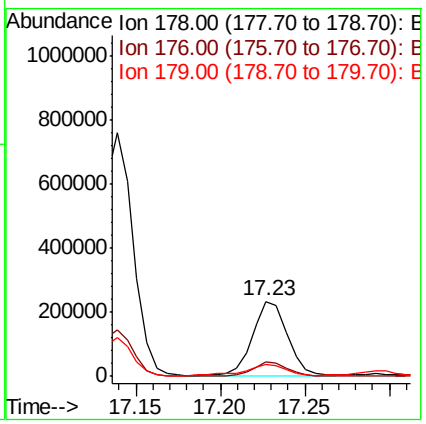


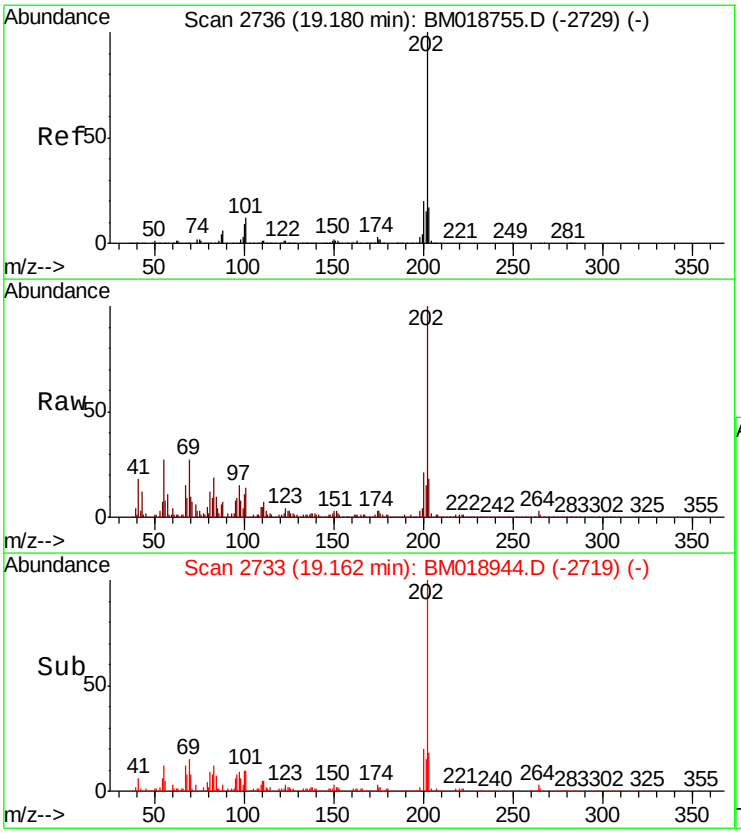
#72
Anthracene
Concen: 5.257 ng
RT: 17.23 min Scan# 2404
Delta R.T. -0.02 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Instrument :
BNA_M
ClientSampleId :
SU-02-022219-B

Tgt Ion:178 Resp: 330750

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	16.1	12.1	18.1

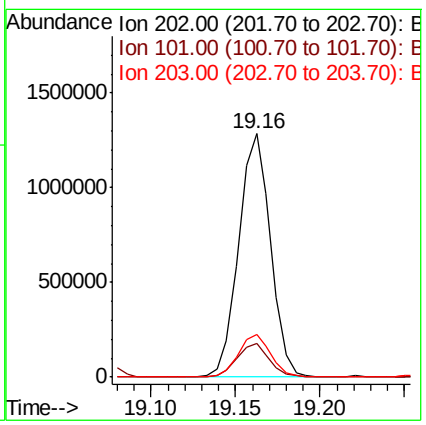


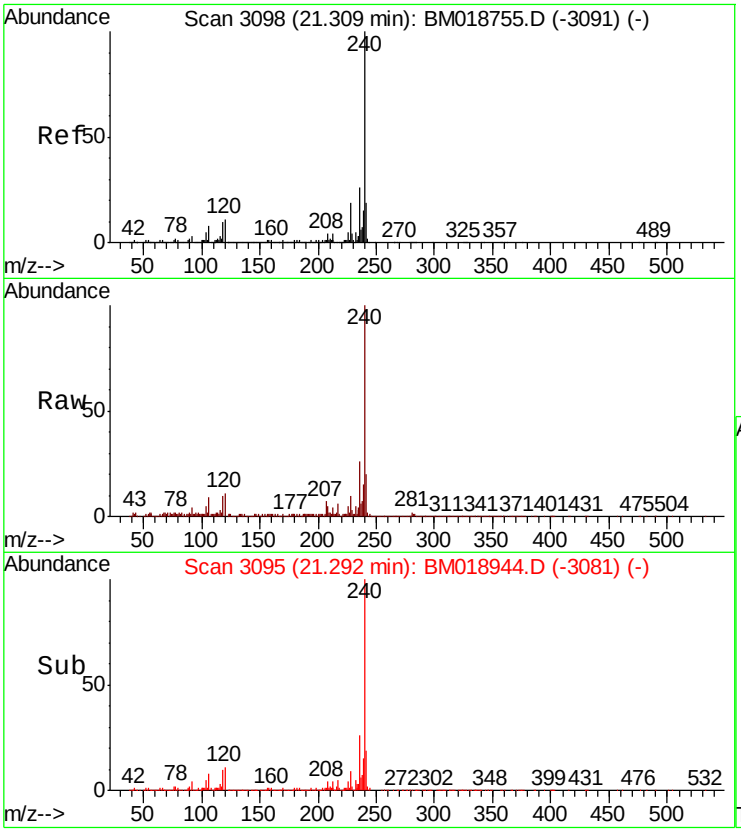


#75
Fluoranthene
Concen: 22.478 ng
RT: 19.16 min Scan# 2733
Delta R.T. -0.02 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Tgt Ion:202 Resp: 1678341

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	31.5
203	17.7	0.0	37.3



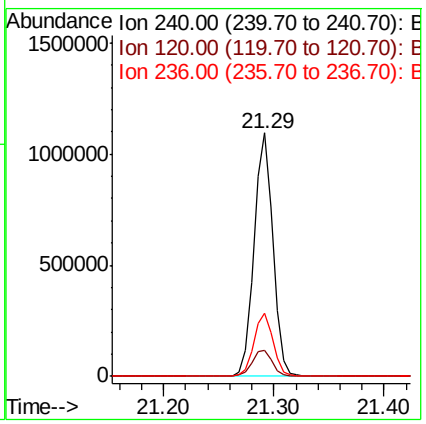


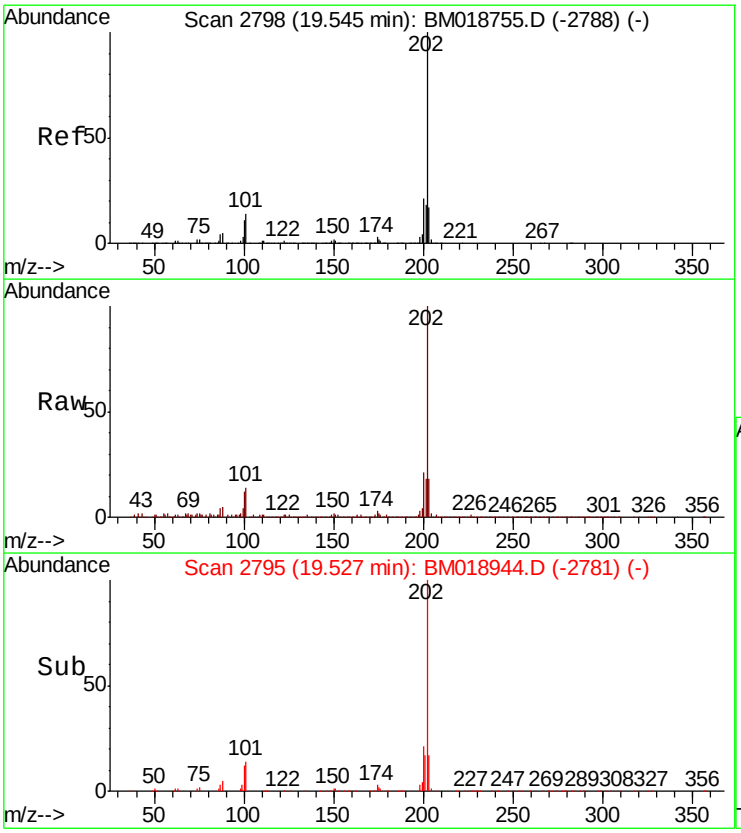
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Instrument :
BNA_M
ClientSampleId :
SU-02-022219-B

Tgt Ion:240 Resp: 1304399

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	26.0	20.9	31.3

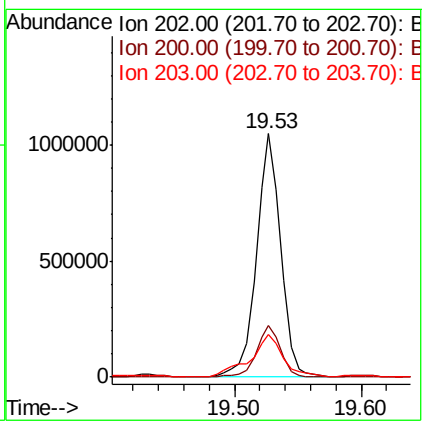


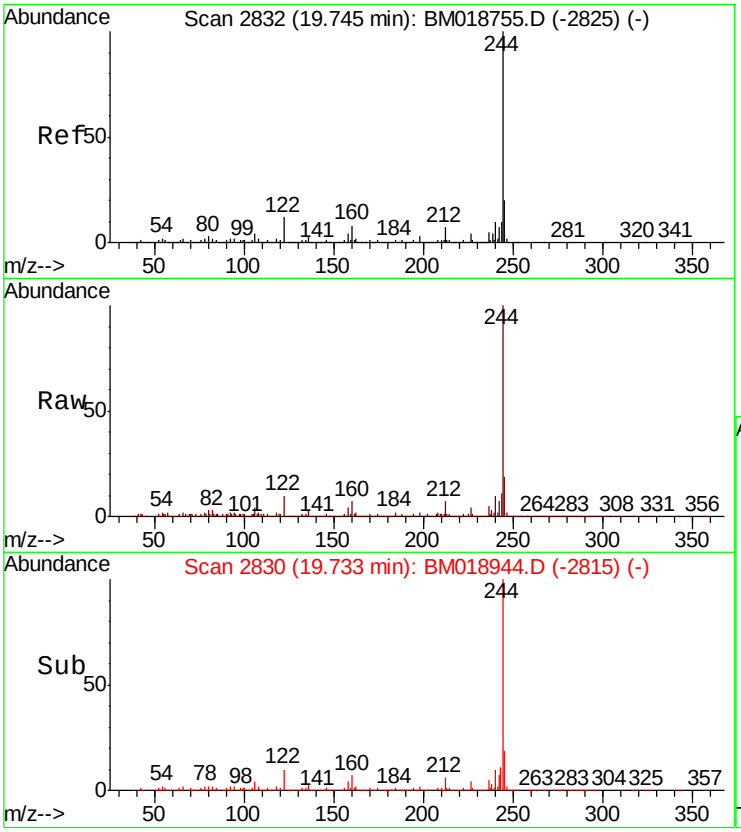


#78
Pyrene
Concen: 18.342 ng
RT: 19.53 min Scan# 2795
Delta R.T. -0.02 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Tgt Ion:202 Resp: 1389584

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.7	13.8	20.8



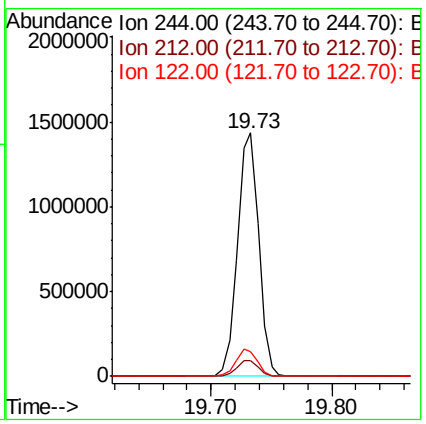


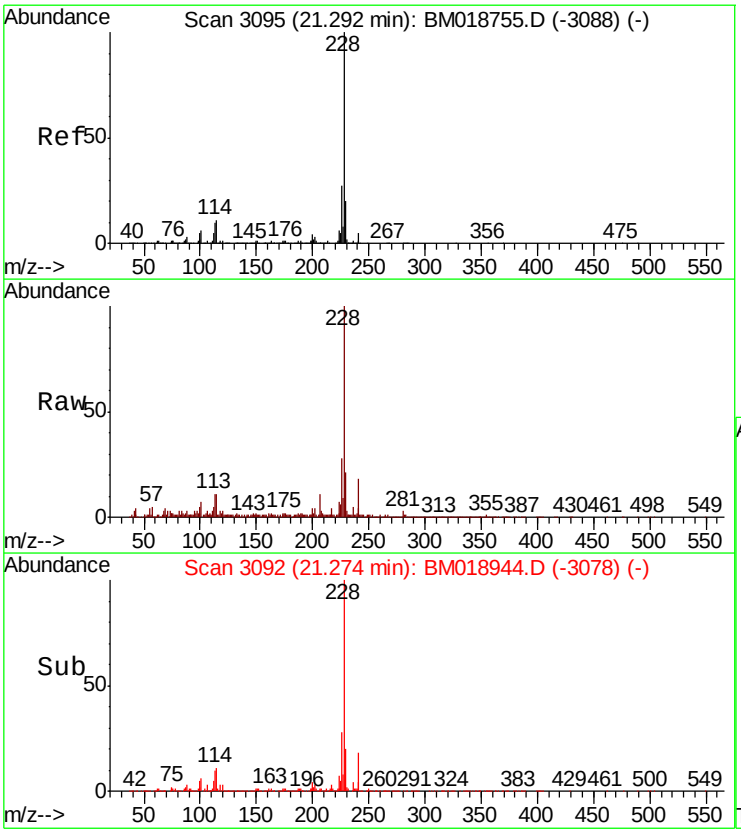
#79
Terphenyl-d14
Concen: 27.884 ng
RT: 19.73 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Instrument :
BNA_M
ClientSampleId :
SU-02-022219-B

Tgt Ion:244 Resp: 1763162

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	10.3	9.3	13.9

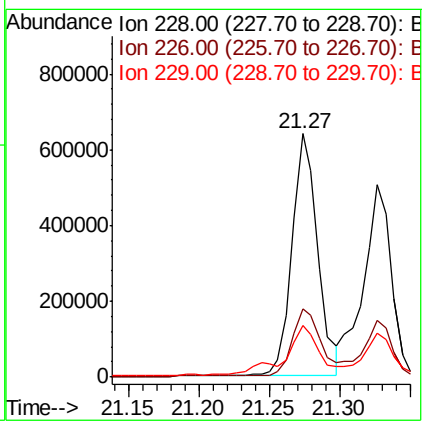


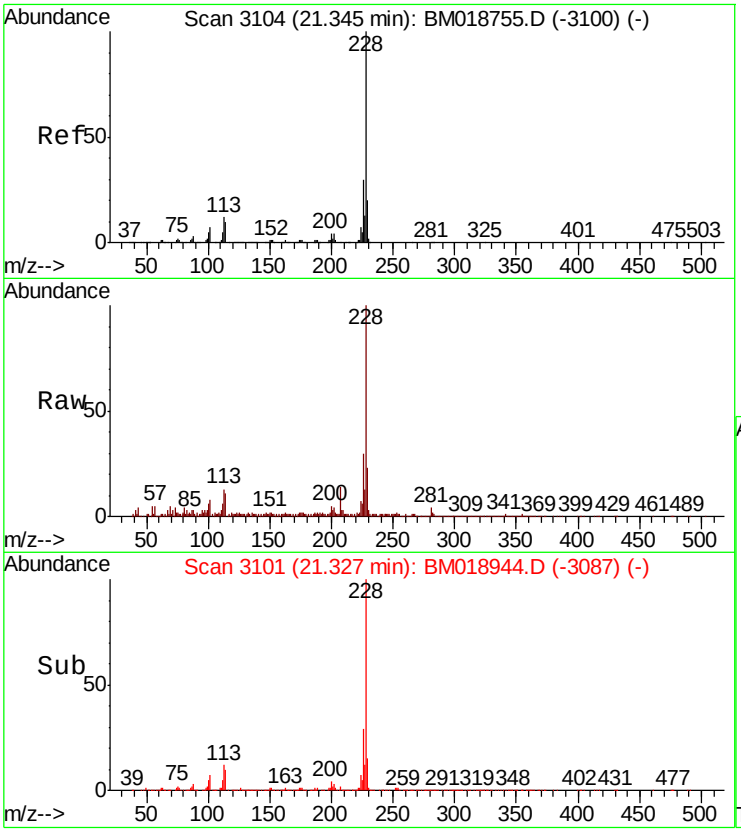


#81
Benzo(a)anthracene
Concen: 10.646 ng
RT: 21.27 min Scan# 3092
Delta R.T. -0.02 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Tgt Ion:228 Resp: 809464

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.9	32.9
229	21.3	15.9	23.9



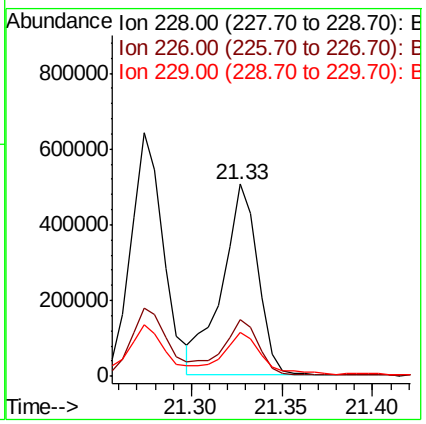


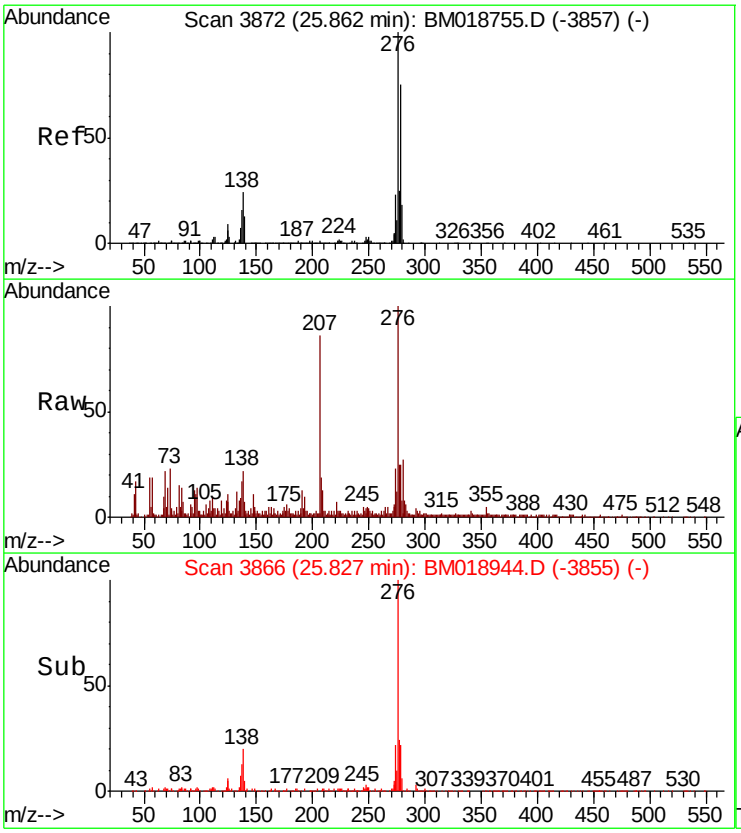
#83
Chrysene
Concen: 9.498 ng
RT: 21.33 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Instrument :
BNA_M
ClientSampleId :
SU-02-022219-B

Tgt Ion:228 Resp: 692221

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	22.7	16.0	24.0

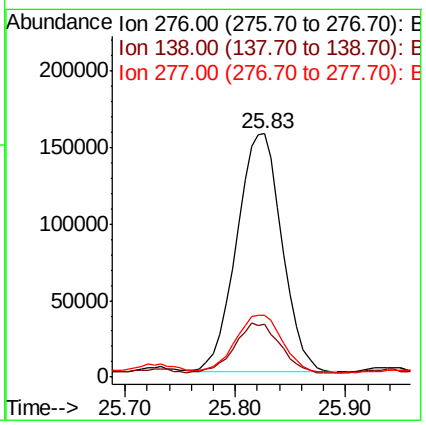


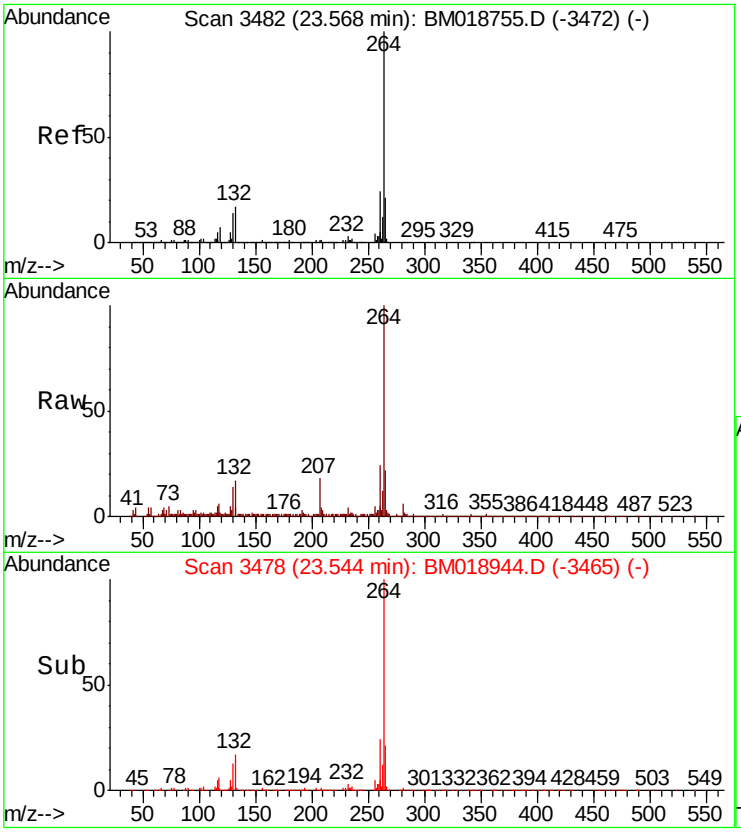


#86
Indeno(1,2,3-cd)pyrene
Concen: 5.320 ng
RT: 25.83 min Scan# 3866
Delta R.T. -0.04 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Tgt Ion:276 Resp: 447655

Ion	Ratio	Lower	Upper
276	100		
138	20.8	20.2	30.4
277	25.2	20.3	30.5



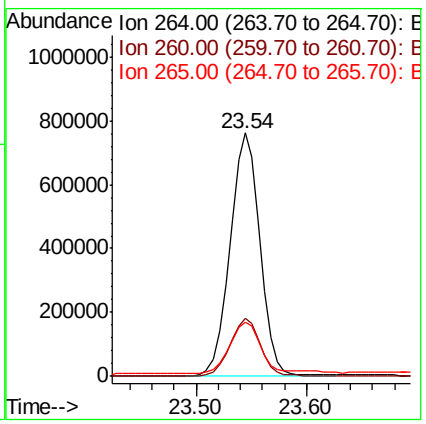


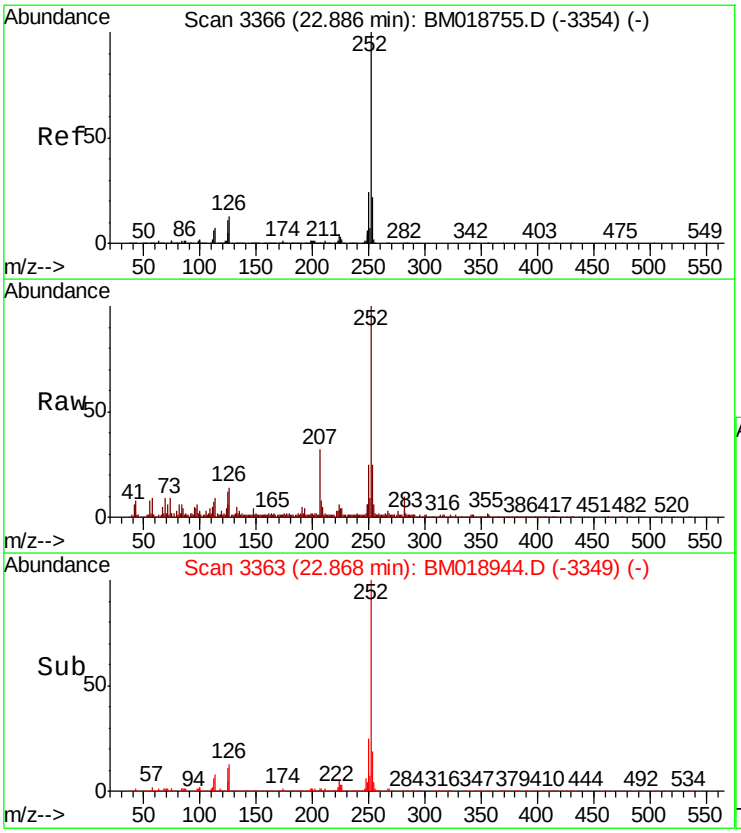
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.54 min Scan# 3478
Delta R.T. -0.02 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Instrument :
BNA_M
ClientSampleId :
SU-02-022219-B

Tgt Ion:264 Resp: 1434093

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	22.1	17.3	25.9

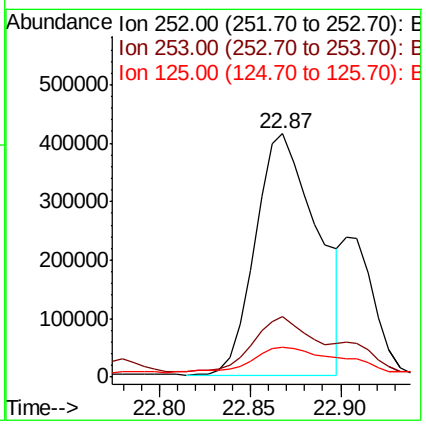


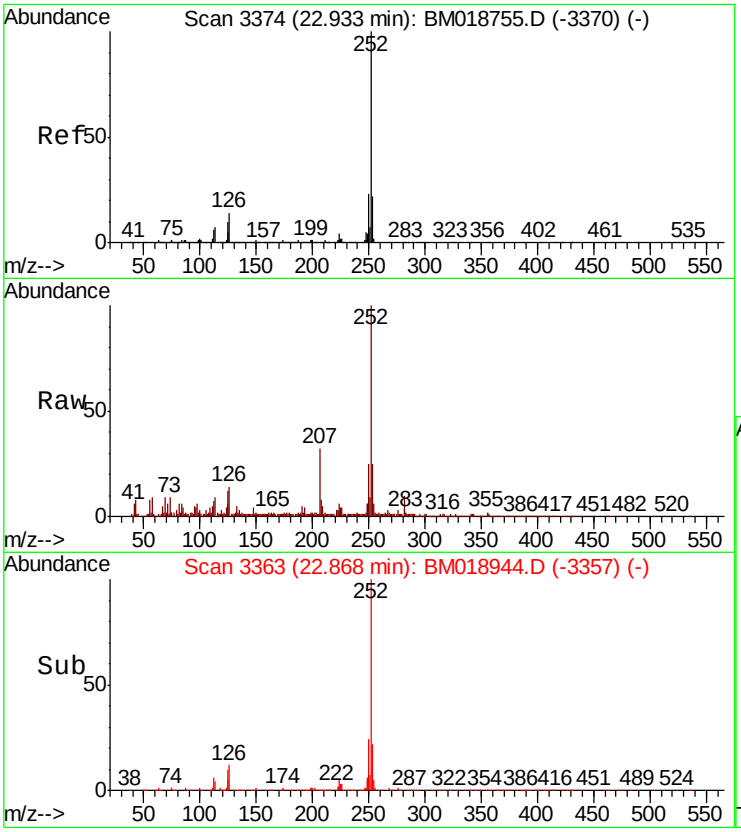


#88
Benzo(b)fluoranthene
Concen: 11.965 ng
RT: 22.87 min Scan# 3363
Delta R.T. -0.02 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Tgt Ion:252 Resp: 981760

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.6
125	12.4	8.6	12.8



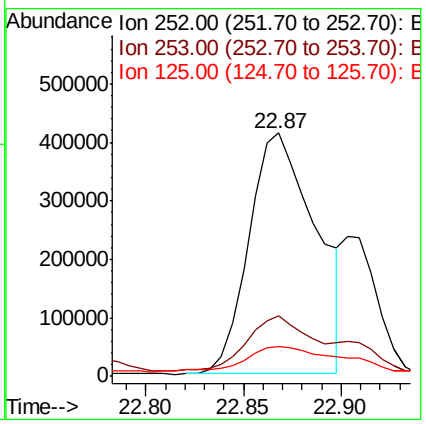


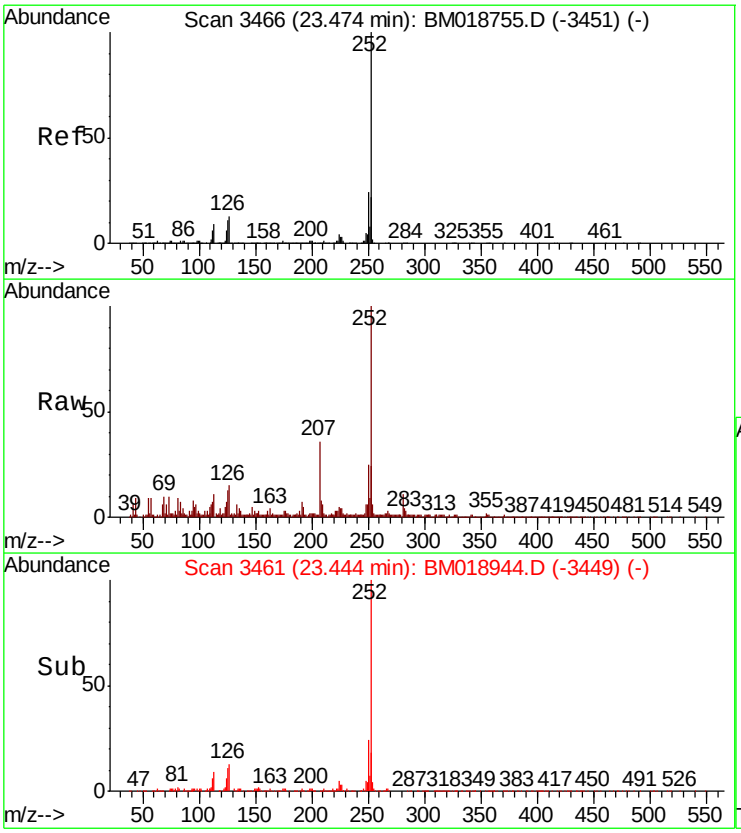
#89
Benzo(k)fluoranthene
Concen: 11.996 ng
RT: 22.87 min Scan# 3363
Delta R.T. -0.06 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Instrument :
BNA_M
ClientSampleId :
SU-02-022219-B

Tgt Ion:252 Resp: 979907

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.7	26.5
125	12.4	8.2	12.4#

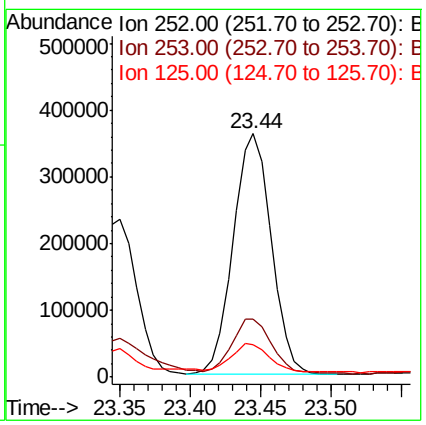


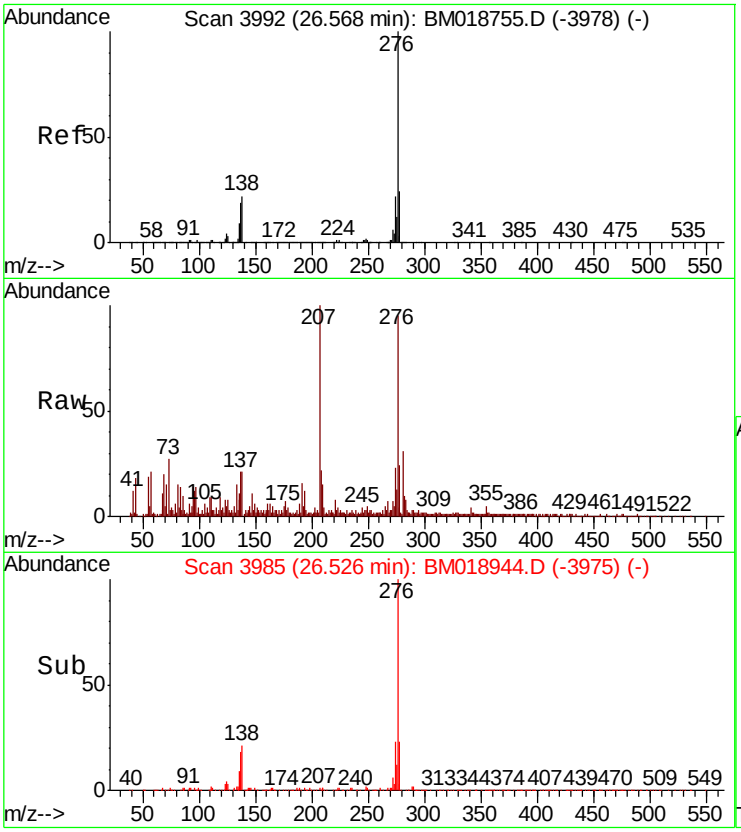


#90
Benzo(a)pyrene
Concen: 8.787 ng
RT: 23.44 min Scan# 3461
Delta R.T. -0.03 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Tgt Ion:252 Resp: 682994

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	13.5	8.6	13.0#





#92
Benzo(g,h,i)perylene
Concen: 5.659 ng
RT: 26.53 min Scan# 3985
Delta R.T. -0.04 min
Lab File: BM018944.D
Acq: 27 Feb 2019 00:03

Instrument :
BNA_M
ClientSampleId :
SU-02-022219-B

Tgt Ion:276 Resp: 405677

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.2	28.8
138	22.4	17.3	25.9