Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011019\

Quantitation Report (Not Reviewed)

Data File : BM018526.D
Acq On : 11 Jan 2019 01:41
Operator : JU/SJ
Sample : K1099-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-19-20

Quant Time: Jan 11 03:32:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	784117	20.00	ng		0.00
21) Naphthalene-d8	10.55	136	3199203	20.00	ng		0.00
39) Acenaphthene-d10	14.40	164	1763445	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	3686766	20.00	ng		0.00
76) Chrysene-d12	21.35	240	2798830	20.00	ng		0.00
87) Perylene-d12	23.64	264	2635139	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	5986493	140.97	ng		0.00
7) Phenol-d6	6.95	99	7831312	145.20	ng		0.01
23) Nitrobenzene-d5	8.93	82	4885999	88.54	ng		0.00
42) 2,4,6-Tribromophenol	15.90	330	3146714	140.14	ng		0.00
45) 2-Fluorobiphenyl	13.03	172	10861779	80.37	ng		0.00
79) Terphenyl-d14	19.79	244	11594023	87.32	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.96	94	129220	2.358	ng	#	70
32) Benzoic acid	9.92	122	118	6.506	ng	#	10
50) Dimethylphthalate	13.87	163	2908420	20.082	ng		100
71) Phenanthrene	17.20	178	583776	2.977	ng		99
75) Fluoranthene	19.22	202	1282804	5.674	ng		98
78) Pyrene	19.58	202	1299739	7.834	ng		99
81) Benzo(a)anthracene	21.33	228	736623	4.468	ng		96
83) Chrysene	21.39	228	712621	4.476	ng		97
86) Indeno(1,2,3-cd)pyrene	25.94	276	609758	3.321	ng	#	91
88) Benzo(b)fluoranthene	22.94	252	1075422	7.189	ng		97
89) Benzo(k)fluoranthene	22.94	252	1070608	7.101	ng		97
90) Benzo(a)pyrene	23.53	252	808326	5.644	ng		99
92) Benzo(g,h,i)perylene	26.66	276	602104	4.264	ng		98

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

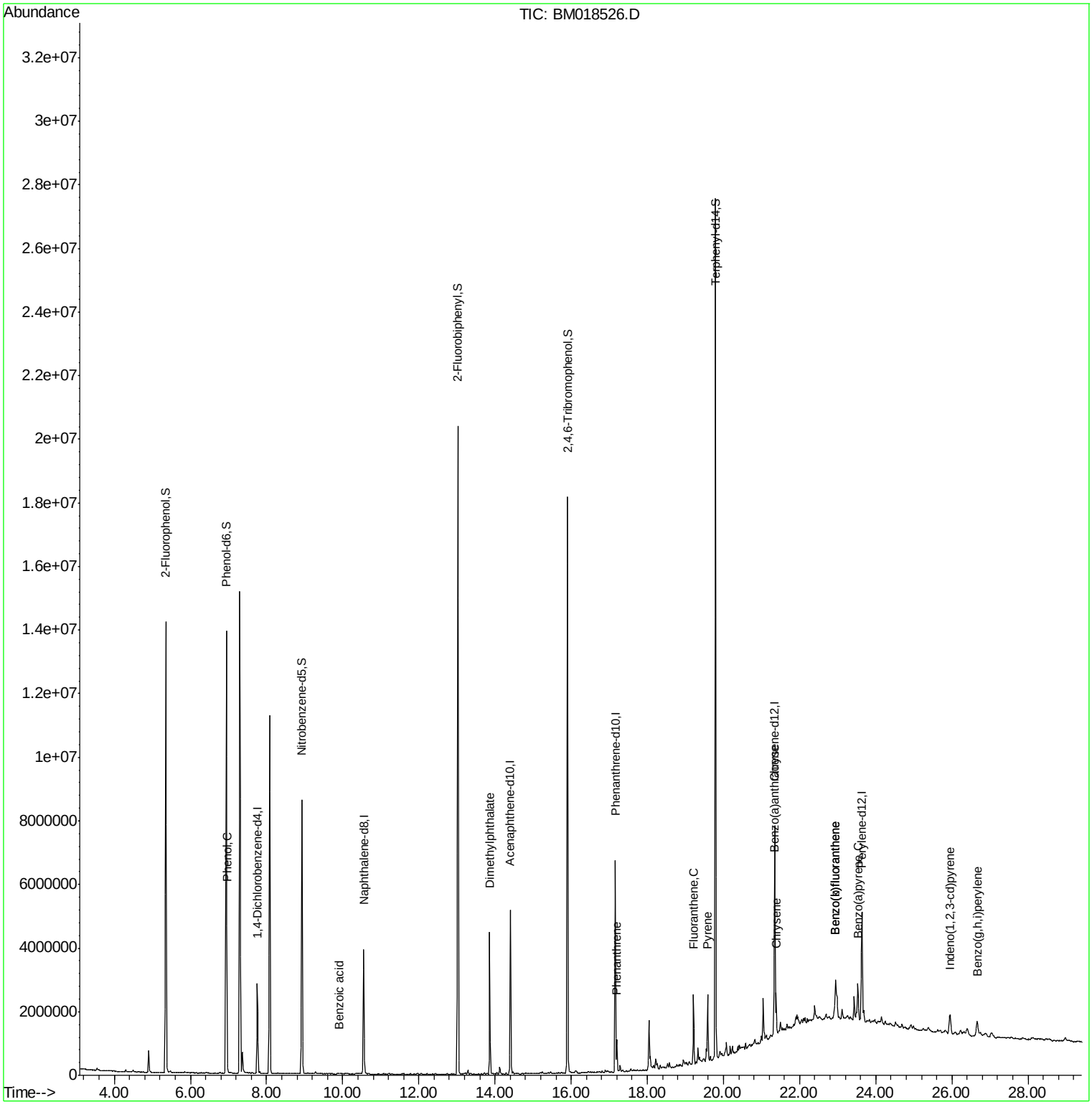
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011019\

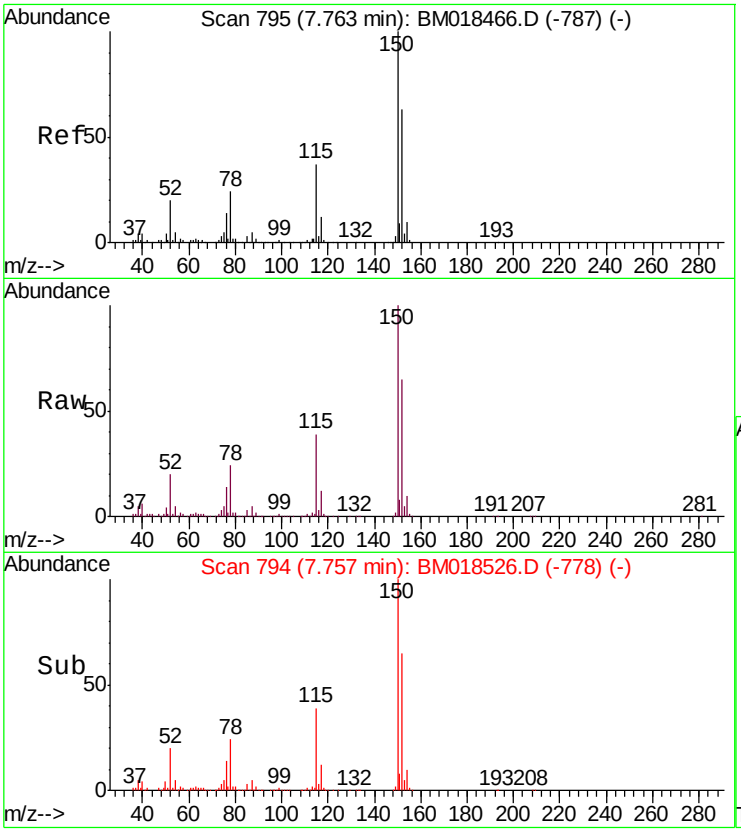
Quantitation Report (Not Reviewed)

Data File : BM018526.D
Acq On : 11 Jan 2019 01:41
Operator : JU/SJ
Sample : K1099-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-19-20

Quant Time: Jan 11 03:32:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration



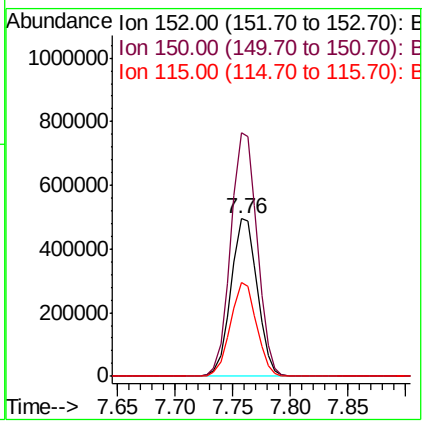


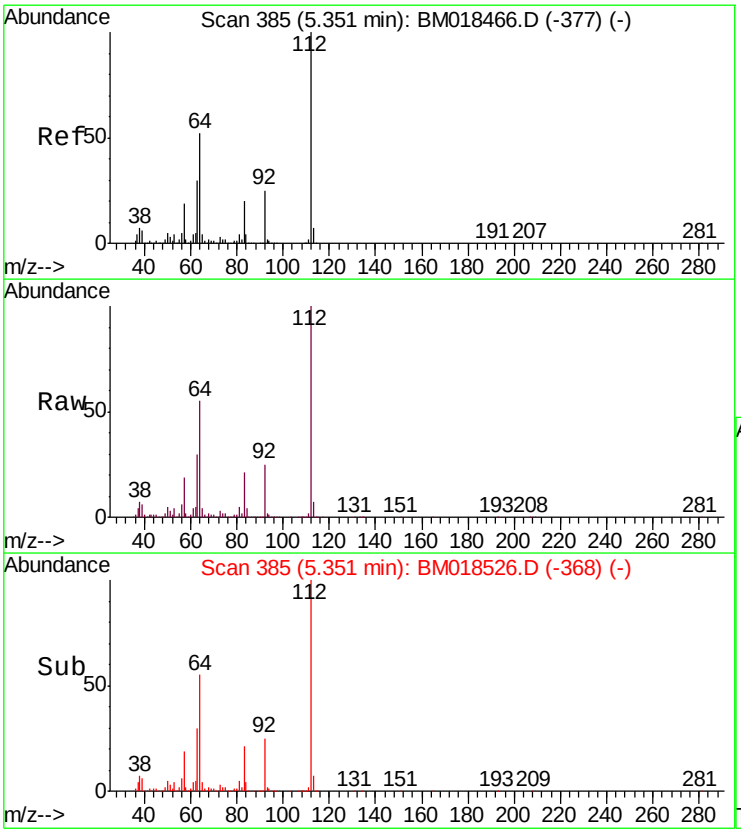
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Instrument :
BNA_M
ClientSampleId :
TP-19-20

Tgt Ion:152 Resp: 784117

Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.9	190.3
115	59.7	45.5	68.3

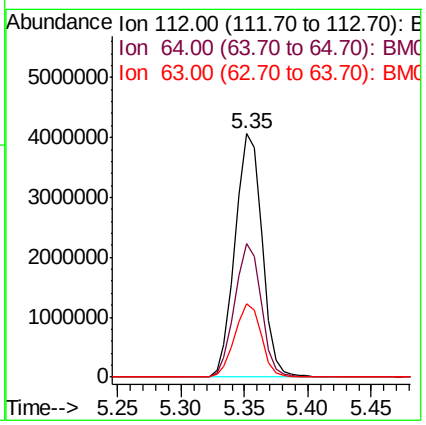


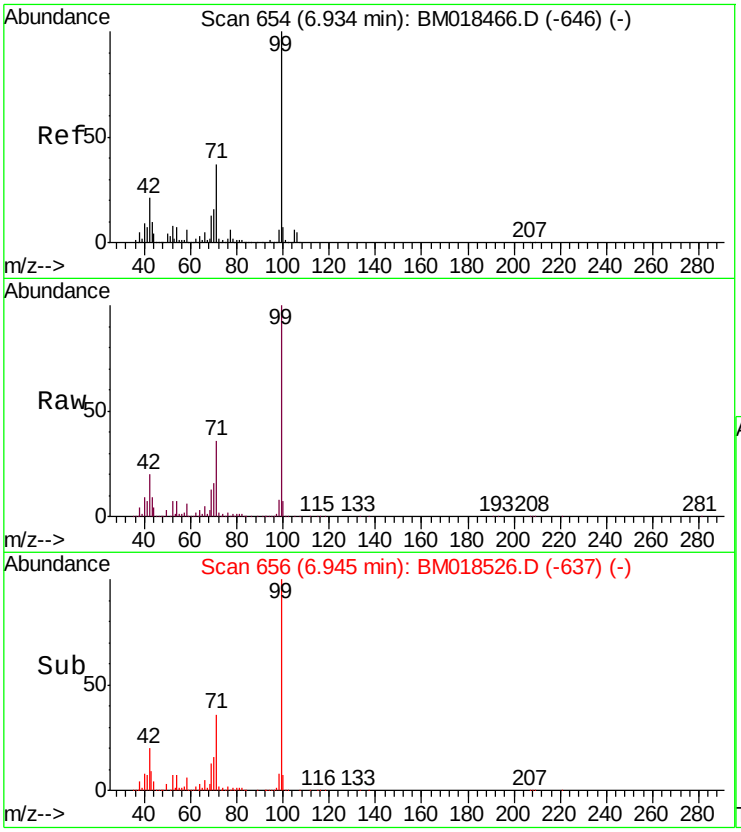


#5
2-Fluorophenol
Concen: 140.974 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.00 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Tgt Ion:112 Resp: 5986493

Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.5	69.7
63	29.9	25.2	37.8



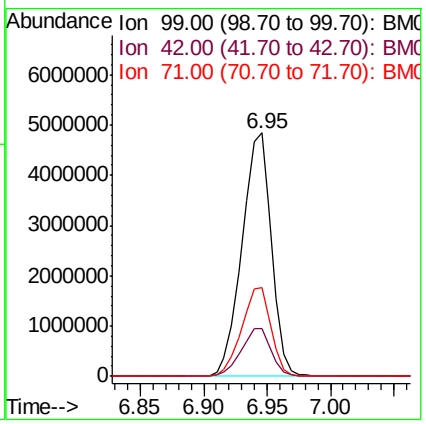


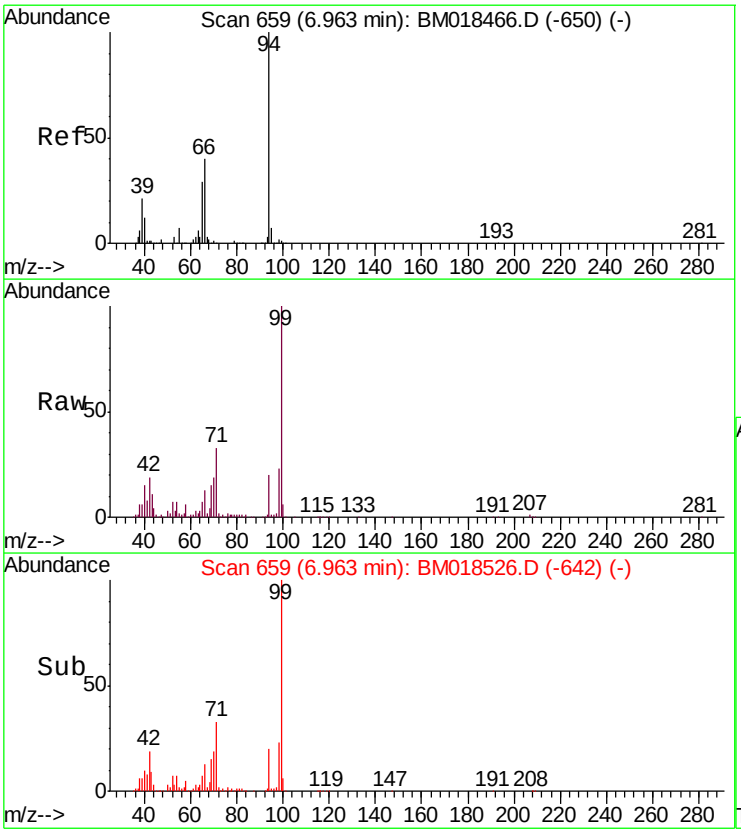
#7
Phenol-d6
Concen: 145.197 ng
RT: 6.95 min Scan# 656
Delta R.T. 0.01 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Instrument :
BNA_M
ClientSampleId :
TP-19-20

Tgt Ion: 99 Resp: 7831312

Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.3	25.9
71	36.3	28.0	42.0

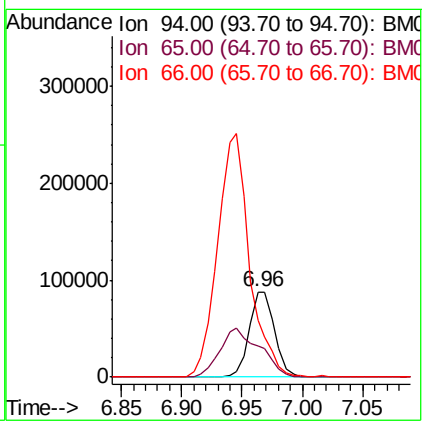


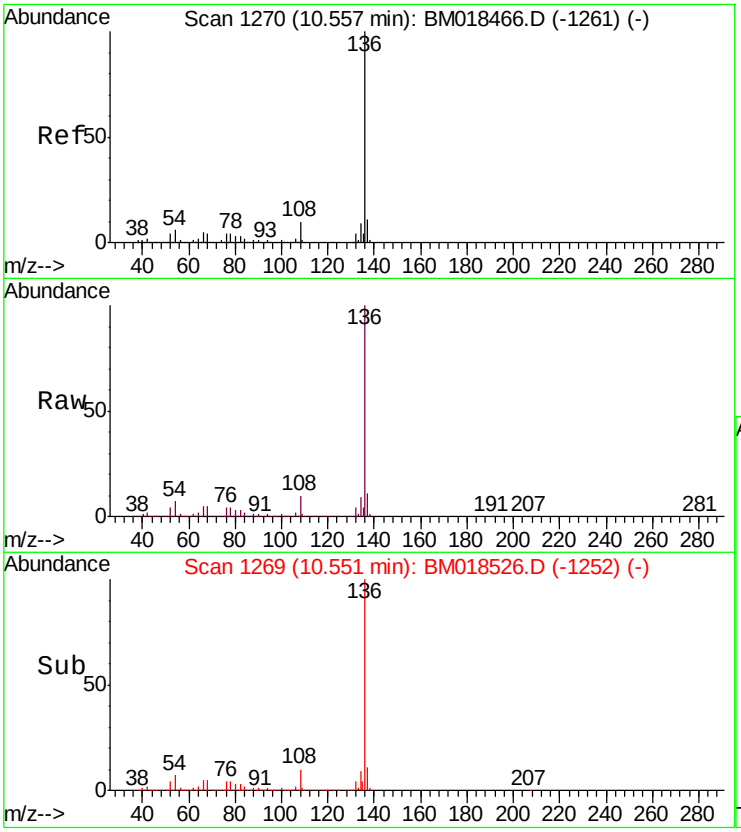


#10
Phenol
Concen: 2.358 ng
RT: 6.96 min Scan# 659
Delta R.T. -0.00 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Tgt Ion: 94 Resp: 129220

Ion	Ratio	Lower	Upper
94	100		
65	35.9	9.4	49.4
66	65.9	19.1	59.1#



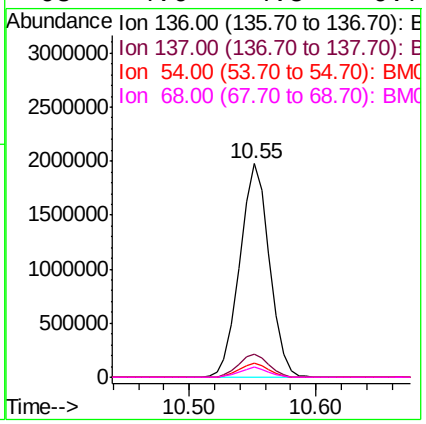


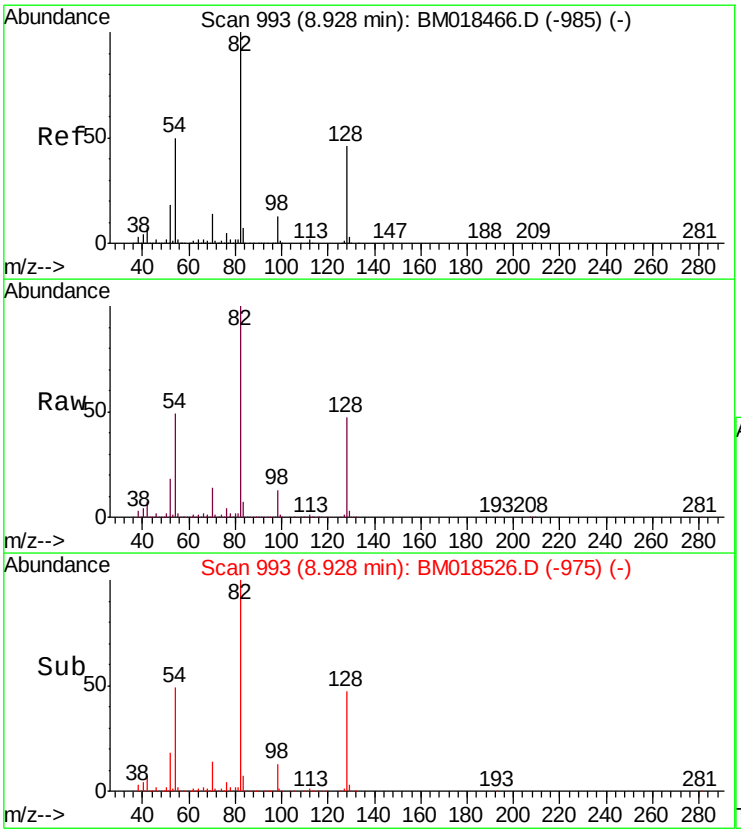
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Instrument :
BNA_M
ClientSampleId :
TP-19-20

Tgt Ion:136 Resp: 3199203

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.5	6.0	9.0
68	4.6	4.5	6.7

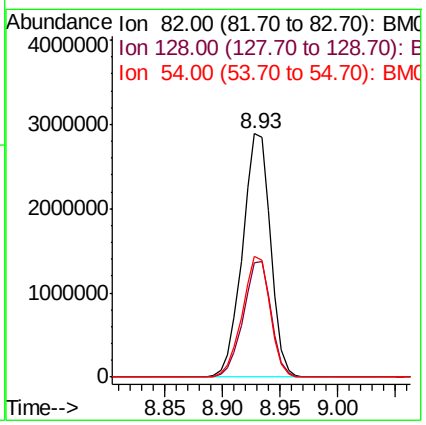


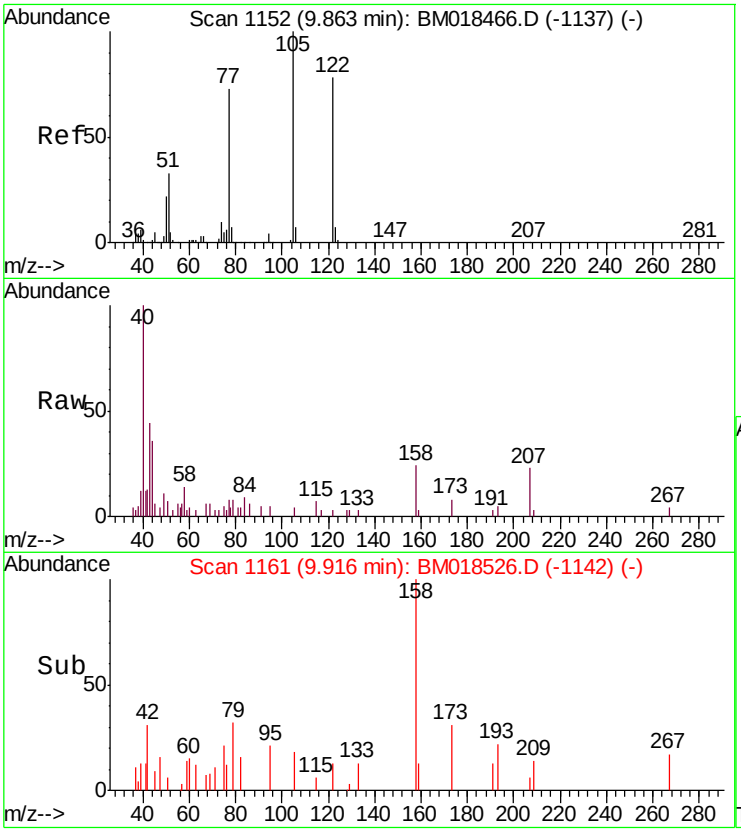


#23
Nitrobenzene-d5
Concen: 88.536 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Tgt Ion: 82 Resp: 4885999

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.3	54.5
54	49.4	41.7	62.5



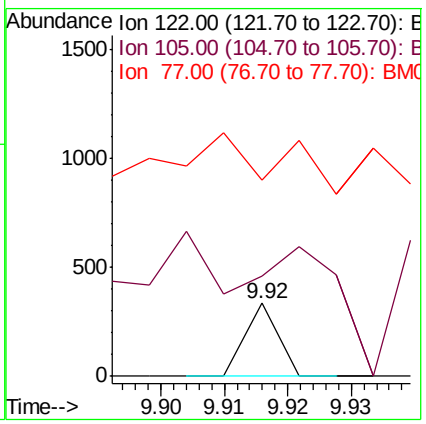


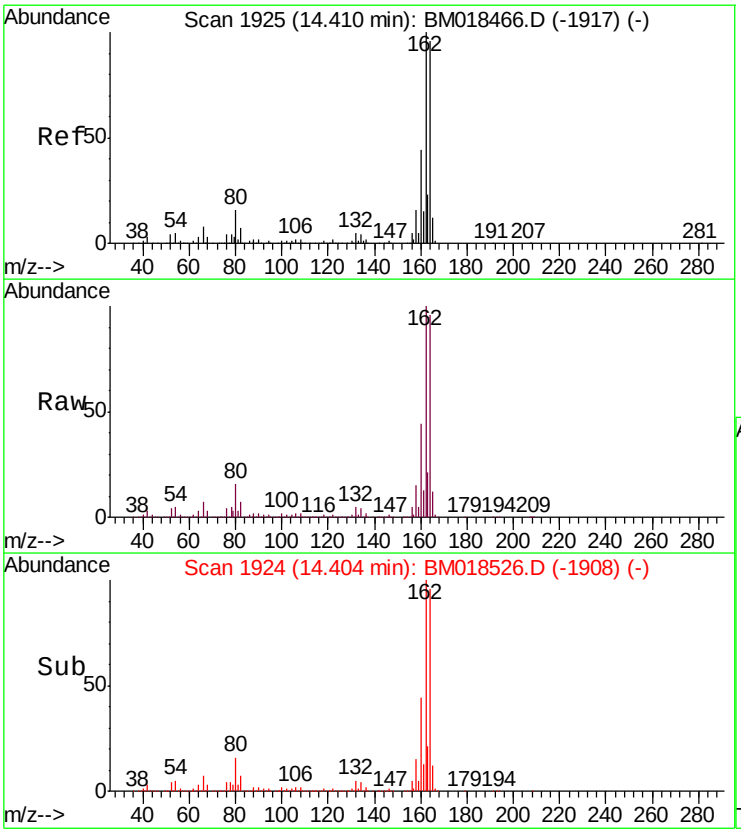
#32
Benzoic acid
Concen: 6.506 ng
RT: 9.92 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Instrument :
BNA_M
ClientSampleId :
TP-19-20

Tgt Ion:122 Resp: 118

Ion	Ratio	Lower	Upper
122	100		
105	138.3	100.4	140.4
77	269.8	71.7	111.7#

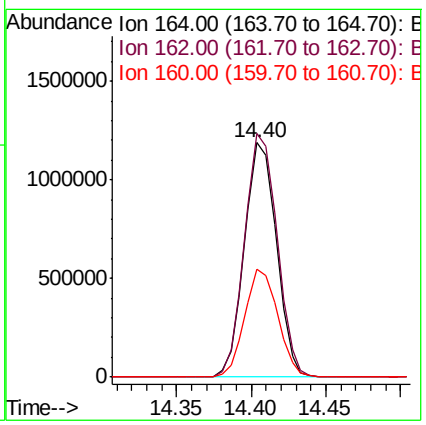


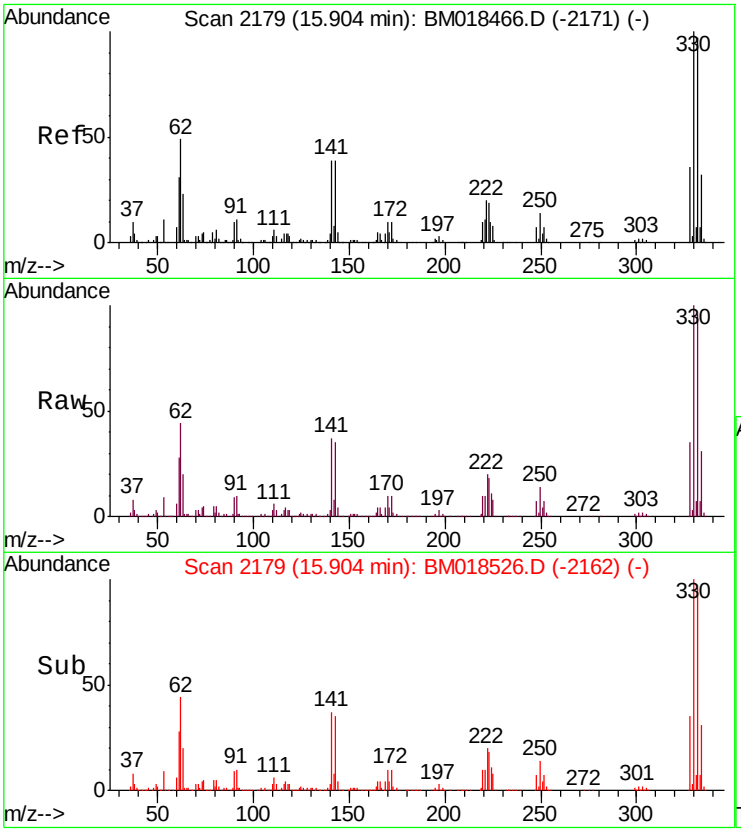


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Tgt Ion:164 Resp: 1763445

Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.0	124.4
160	46.2	37.1	55.7



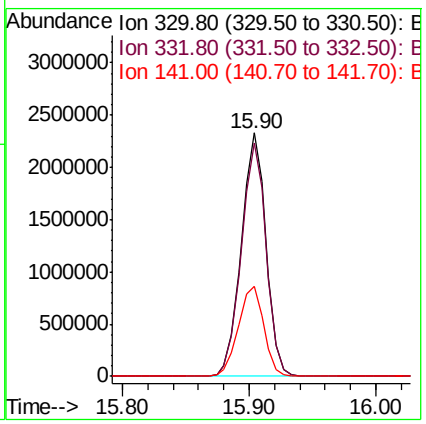


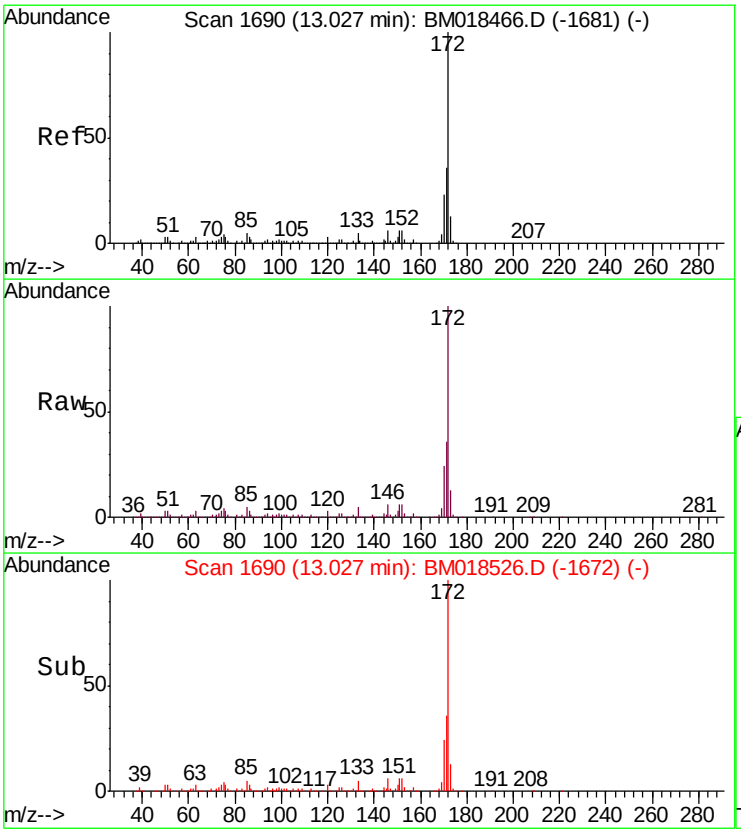
#42
2,4,6-Tribromophenol
Concen: 140.143 ng
RT: 15.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Instrument :
BNA_M
ClientSampleId :
TP-19-20

Tgt Ion:330 Resp: 3146714

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.6	116.4
141	37.9	31.7	47.5

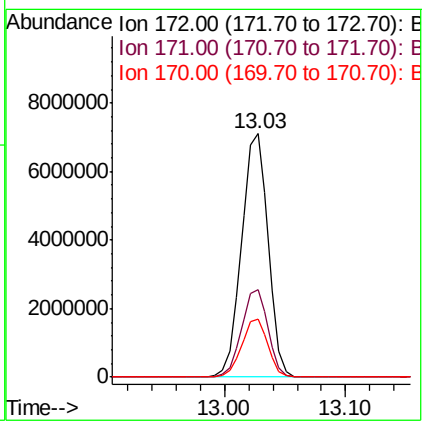


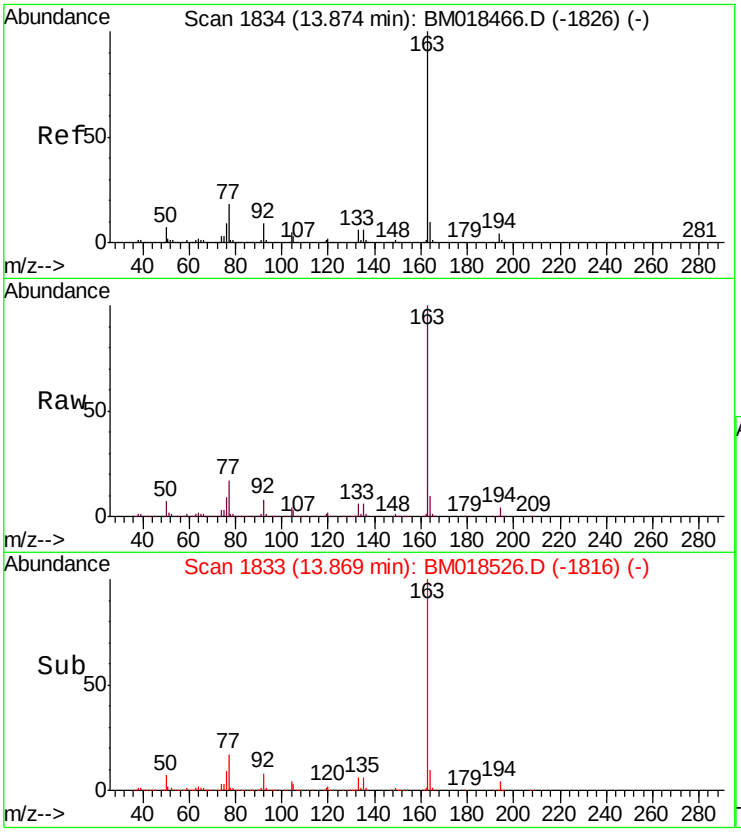


#45
2-Fluorobiphenyl
Concen: 80.372 ng
RT: 13.03 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Tgt Ion:172 Resp:10861779

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.2	42.4
170	23.6	18.9	28.3



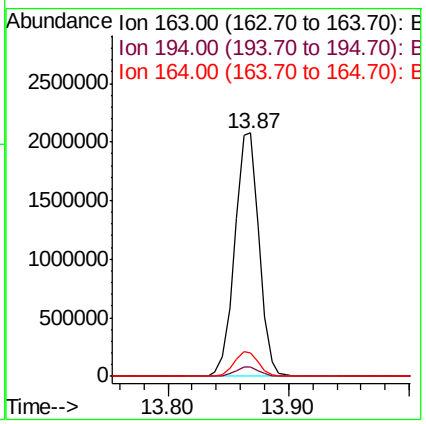


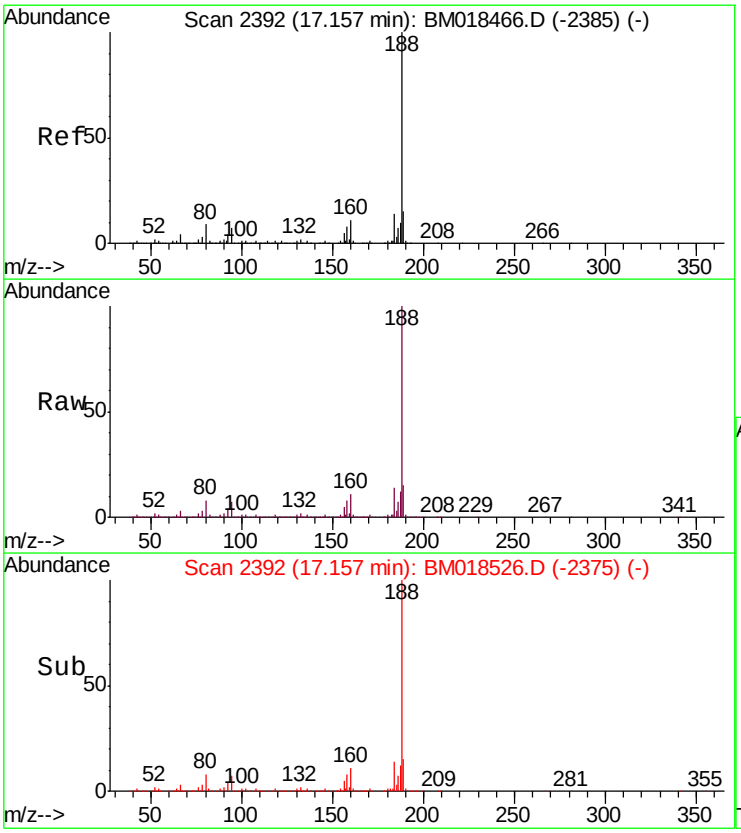
#50
Dimethylphthalate
Concen: 20.082 ng
RT: 13.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Instrument :
BNA_M
ClientSampleId :
TP-19-20

Tgt Ion:163 Resp: 2908420

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.7	7.8	11.8

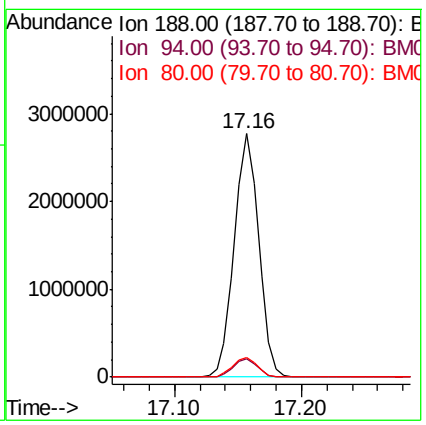


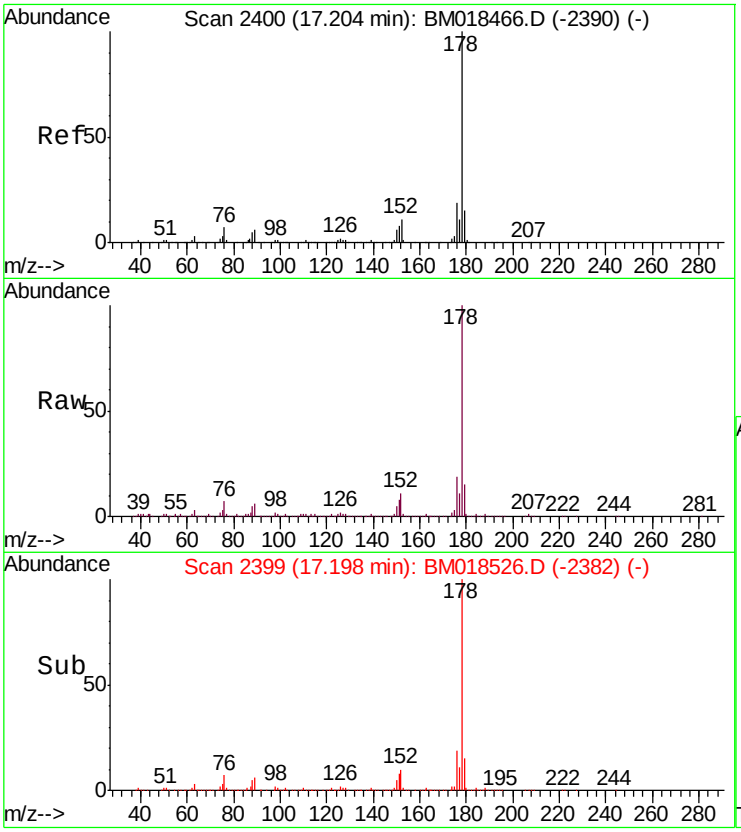


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Tgt Ion:188 Resp: 3686766

Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.1	10.7
80	8.1	7.6	11.4



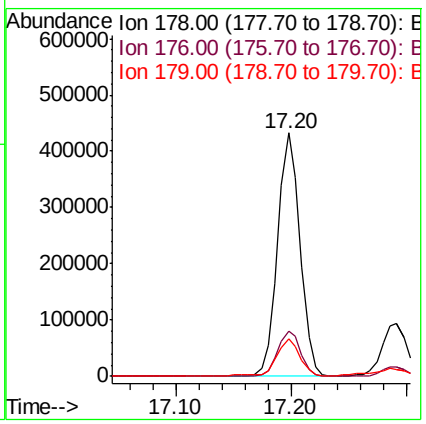


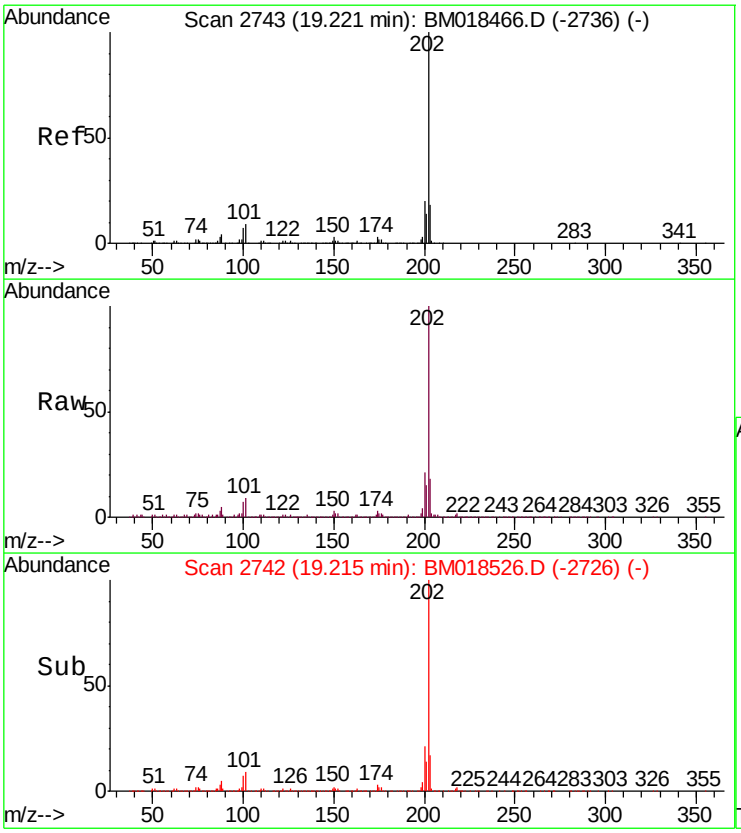
#71
Phenanthrene
Concen: 2.977 ng
RT: 17.20 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Instrument :
BNA_M
ClientSampleId :
TP-19-20

Tgt Ion:178 Resp: 583776

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	15.2	12.2	18.4

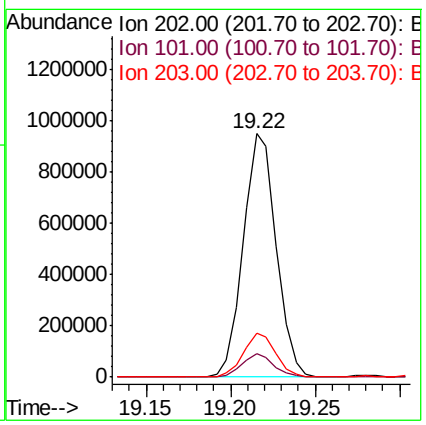


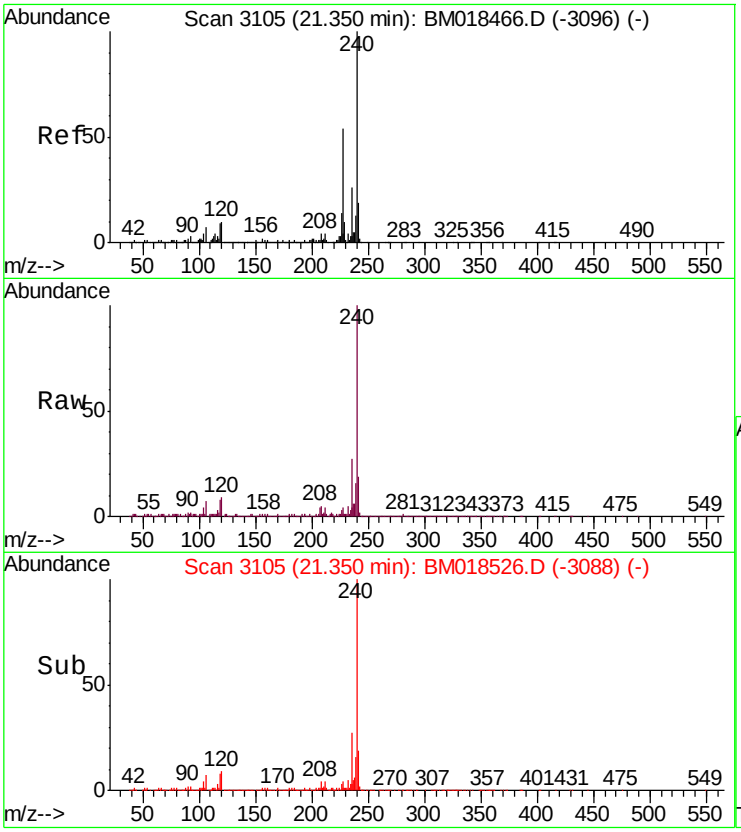


#75
Fluoranthene
Concen: 5.674 ng
RT: 19.22 min Scan# 2742
Delta R.T. -0.01 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Tgt Ion:202 Resp: 1282804

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.9
203	17.9	0.0	37.4



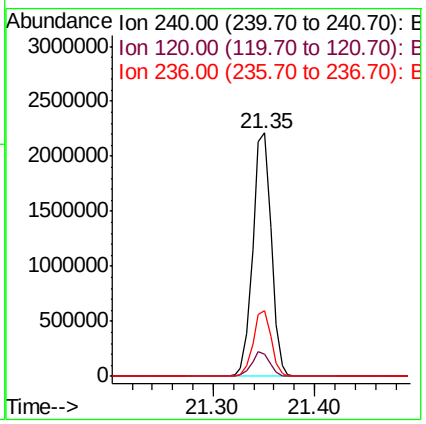


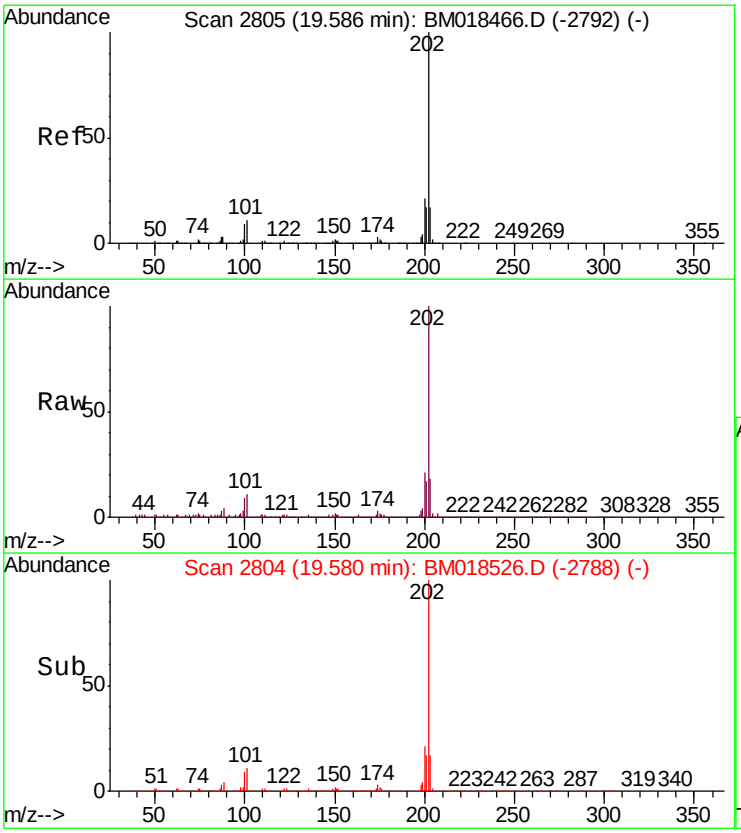
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Instrument :
BNA_M
ClientSampleId :
TP-19-20

Tgt Ion:240 Resp: 2798830

Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.4	12.6
236	26.7	20.7	31.1

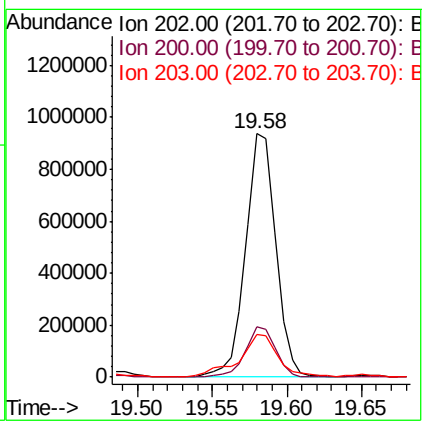


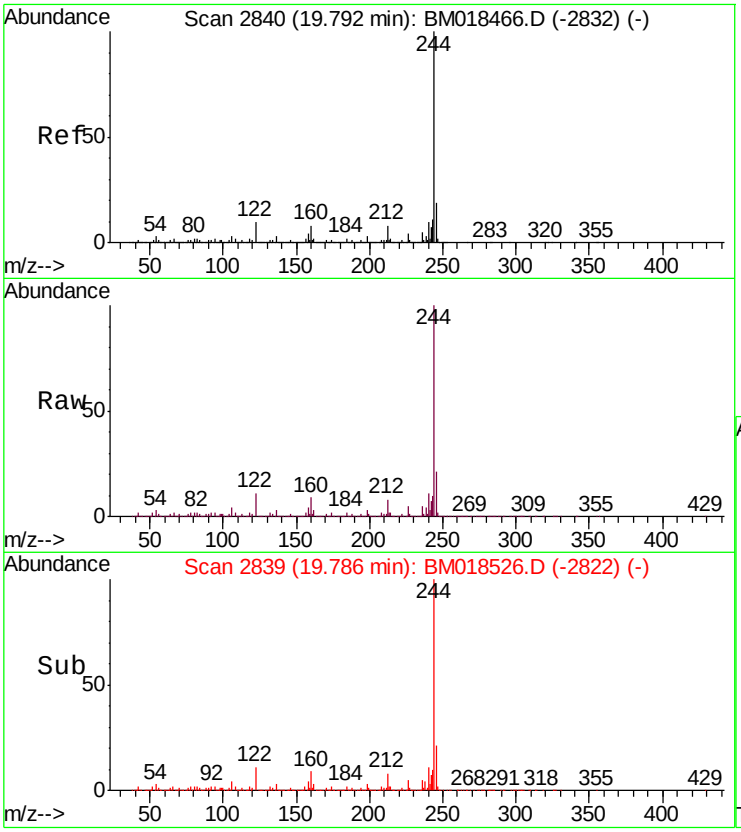


#78
Pyrene
Concen: 7.834 ng
RT: 19.58 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Tgt Ion:202 Resp: 1299739

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.8	13.8	20.8



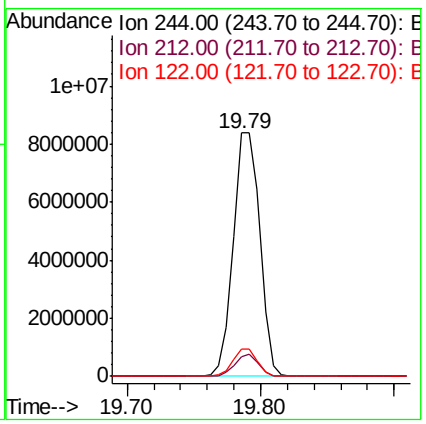


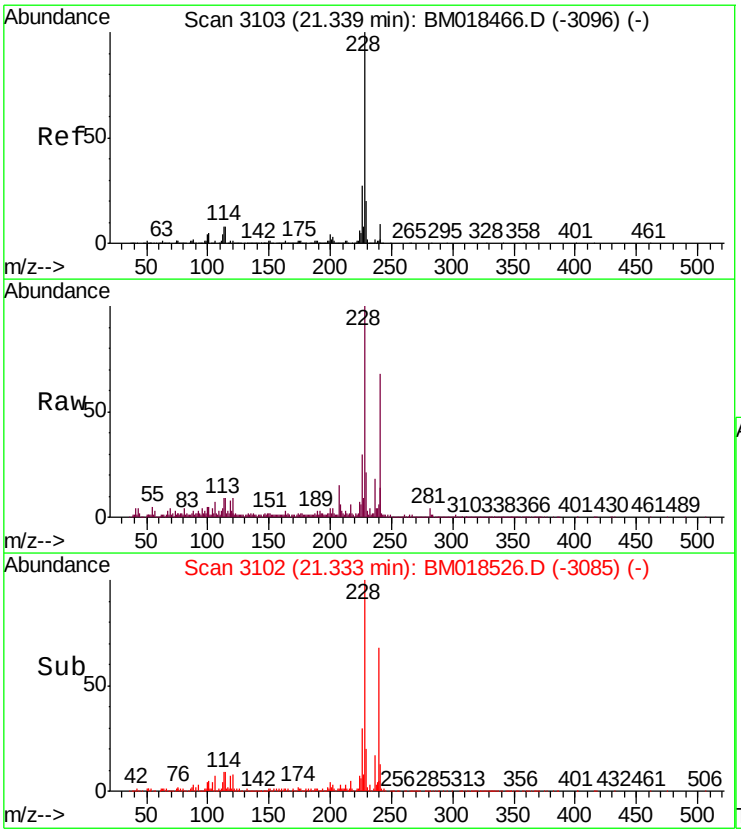
#79
Terphenyl-d14
Concen: 87.324 ng
RT: 19.79 min Scan# 2839
Delta R.T. -0.00 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Instrument :
BNA_M
ClientSampleId :
TP-19-20

Tgt Ion:244 Resp:11594023

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.9	8.9
122	11.3	9.0	13.4

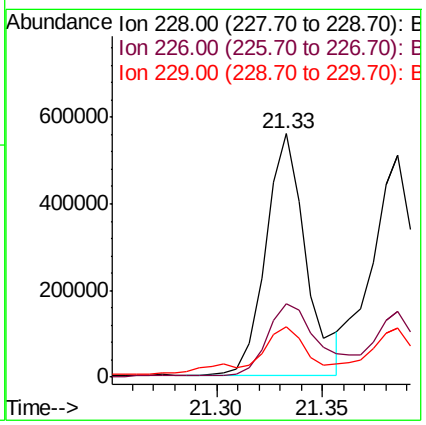


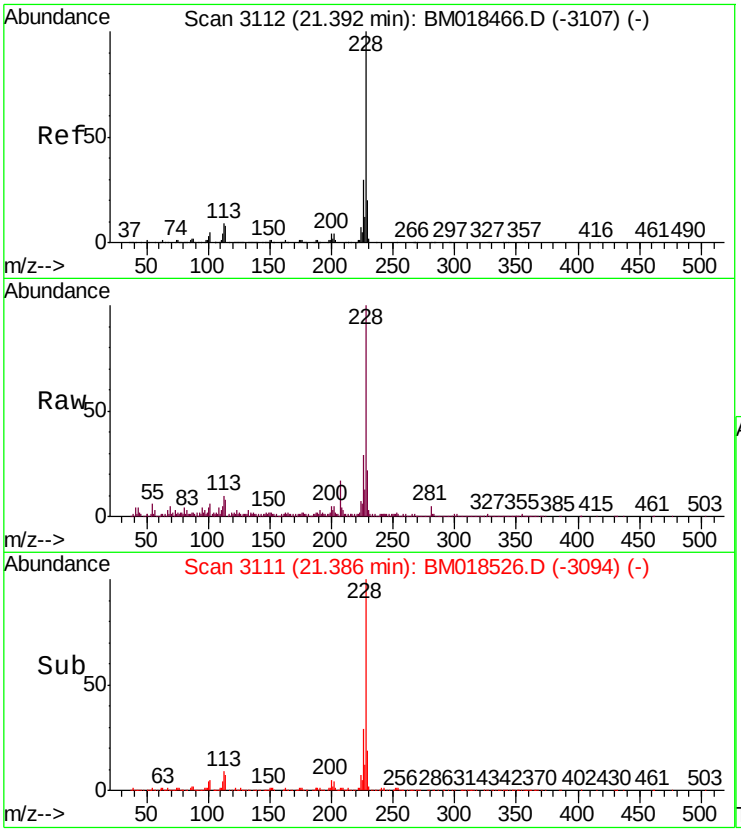


#81
Benzo(a)anthracene
Concen: 4.468 ng
RT: 21.33 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Tgt Ion:228 Resp: 736623

Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.8	32.6
229	20.7	15.8	23.8



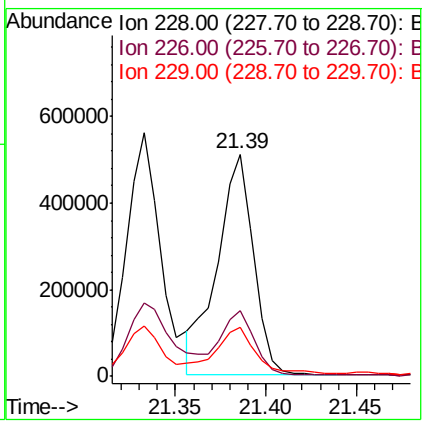


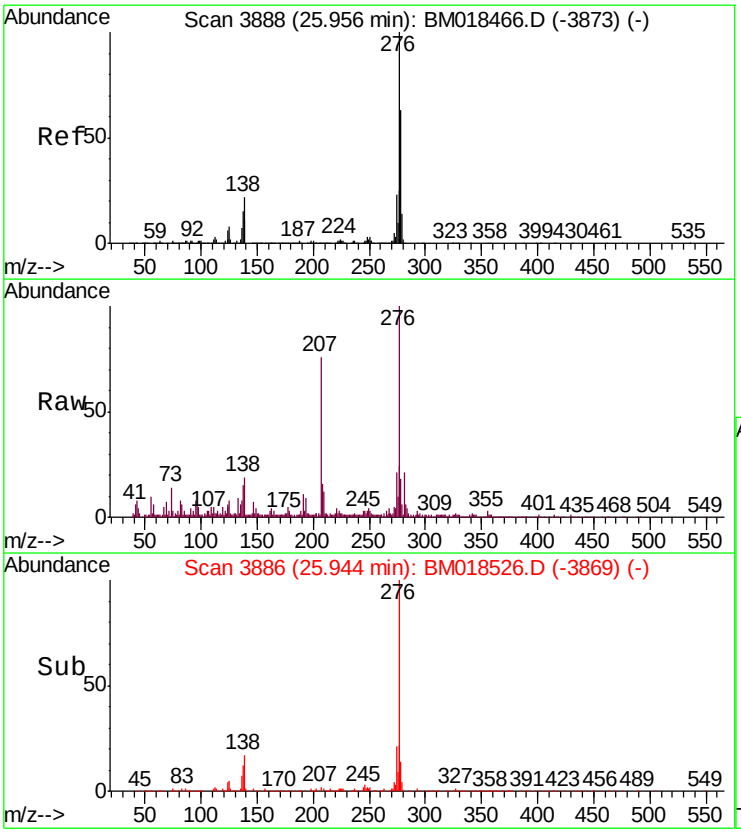
#83
Chrysene
Concen: 4.476 ng
RT: 21.39 min Scan# 3111
Delta R.T. -0.00 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Instrument :
BNA_M
ClientSampleId :
TP-19-20

Tgt Ion:228 Resp: 712621

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.2
229	21.8	15.6	23.4

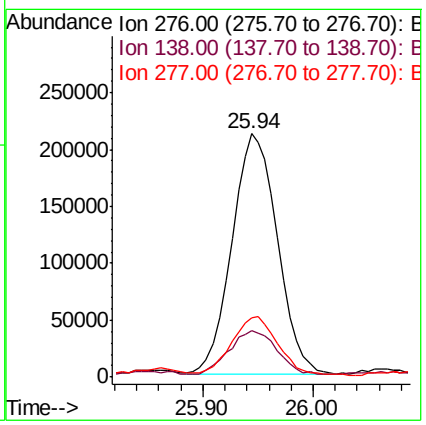


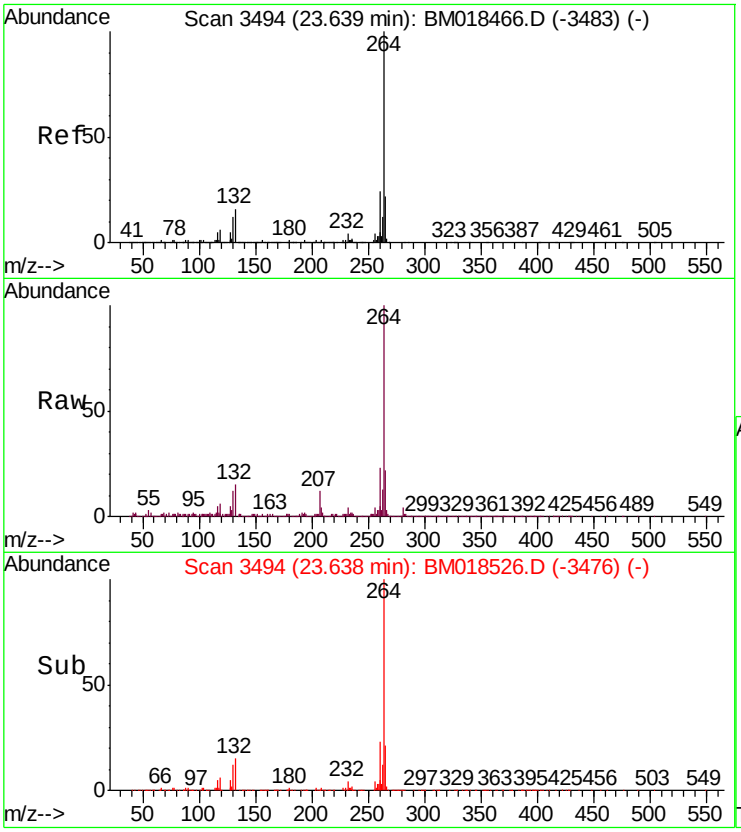


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.321 ng
RT: 25.94 min Scan# 3886
Delta R.T. -0.00 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Tgt Ion:276 Resp: 609758

Ion	Ratio	Lower	Upper
276	100		
138	19.1	21.5	32.3#
277	24.1	20.2	30.2



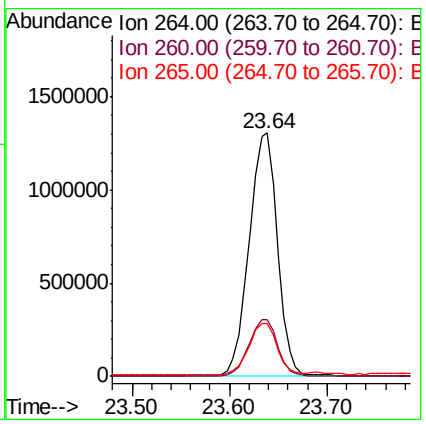


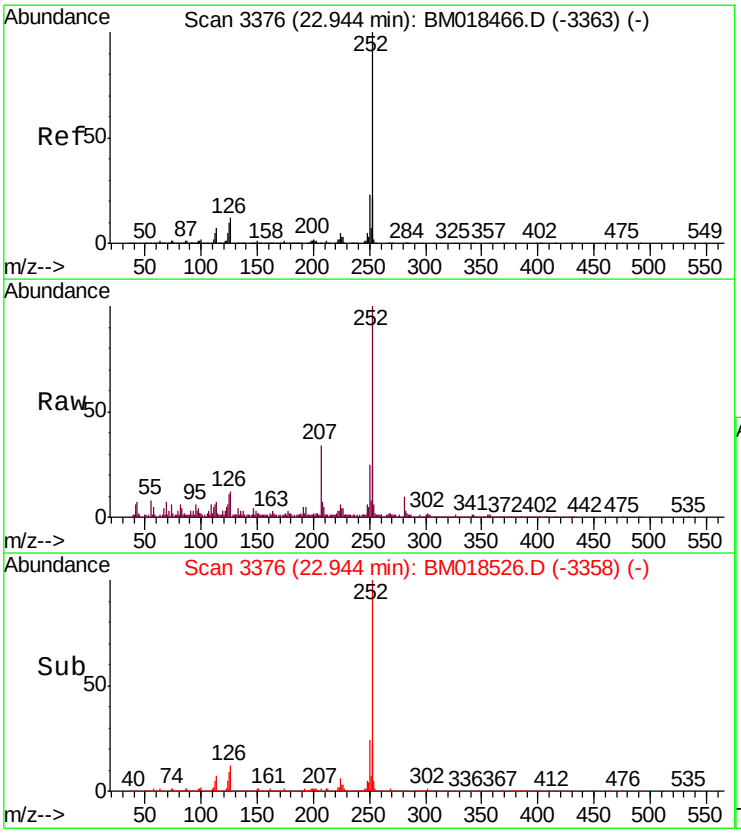
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3494
Delta R.T. 0.01 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Instrument :
BNA_M
ClientSampleId :
TP-19-20

Tgt Ion:264 Resp: 2635139

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	21.7	16.8	25.2

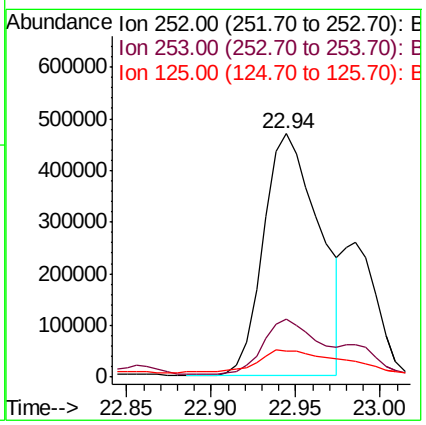


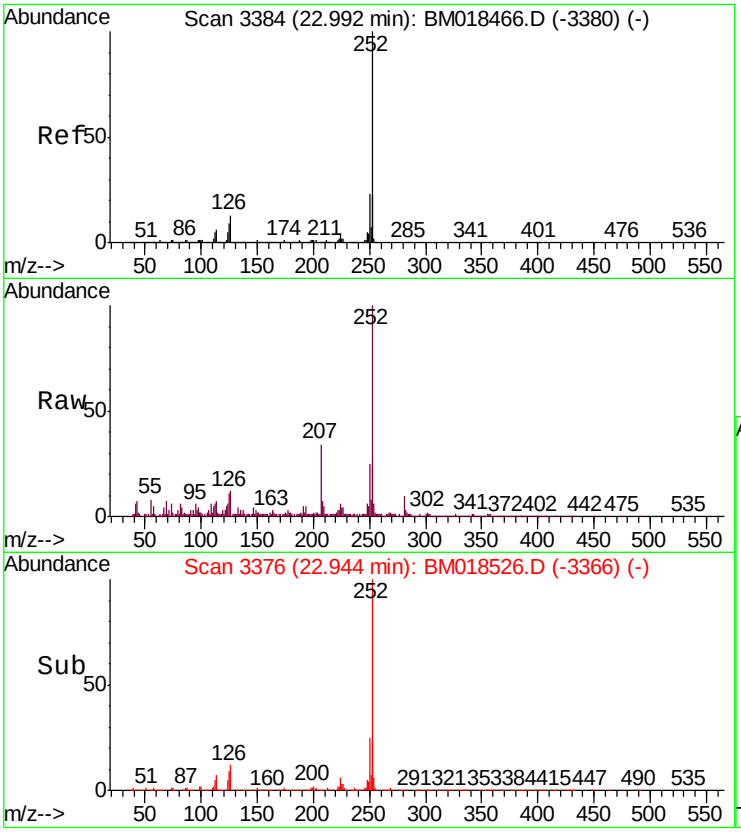


#88
Benzo(b)fluoranthene
Concen: 7.189 ng
RT: 22.94 min Scan# 3376
Delta R.T. 0.01 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Tgt Ion:252 Resp: 1075422

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.6	26.4
125	10.6	8.5	12.7



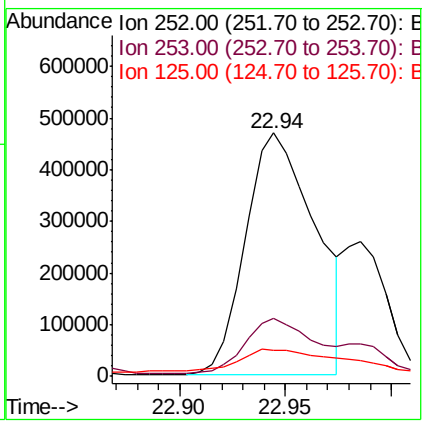


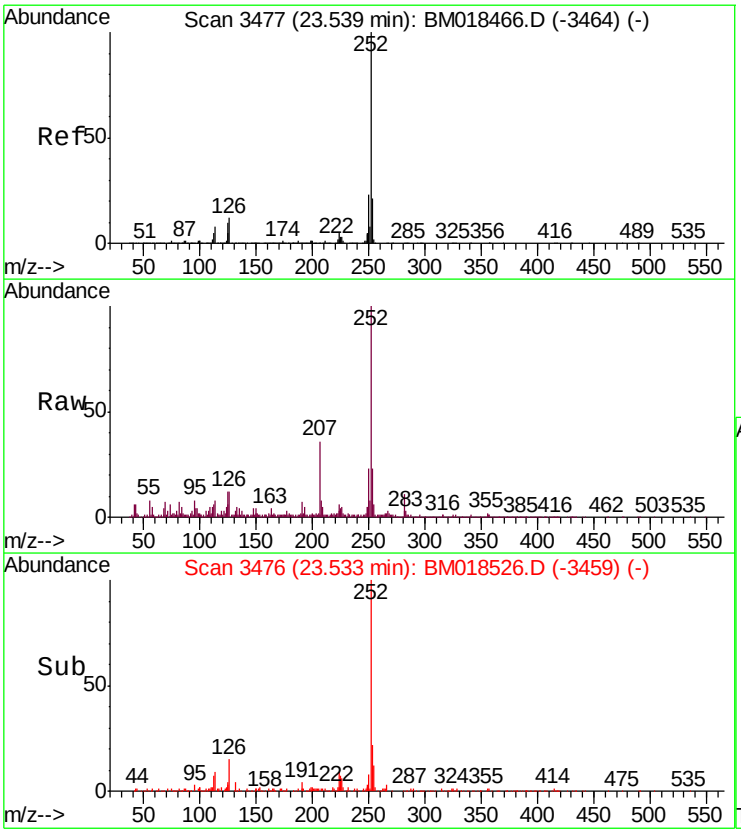
#89
Benzo(k)fluoranthene
Concen: 7.101 ng
RT: 22.94 min Scan# 3376
Delta R.T. -0.04 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Instrument :
BNA_M
ClientSampleId :
TP-19-20

Tgt Ion:252 Resp: 1070608

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	10.6	8.6	12.8

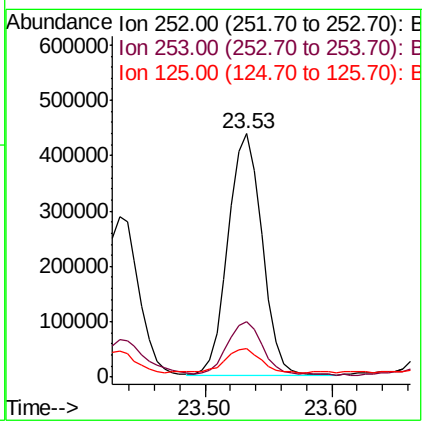


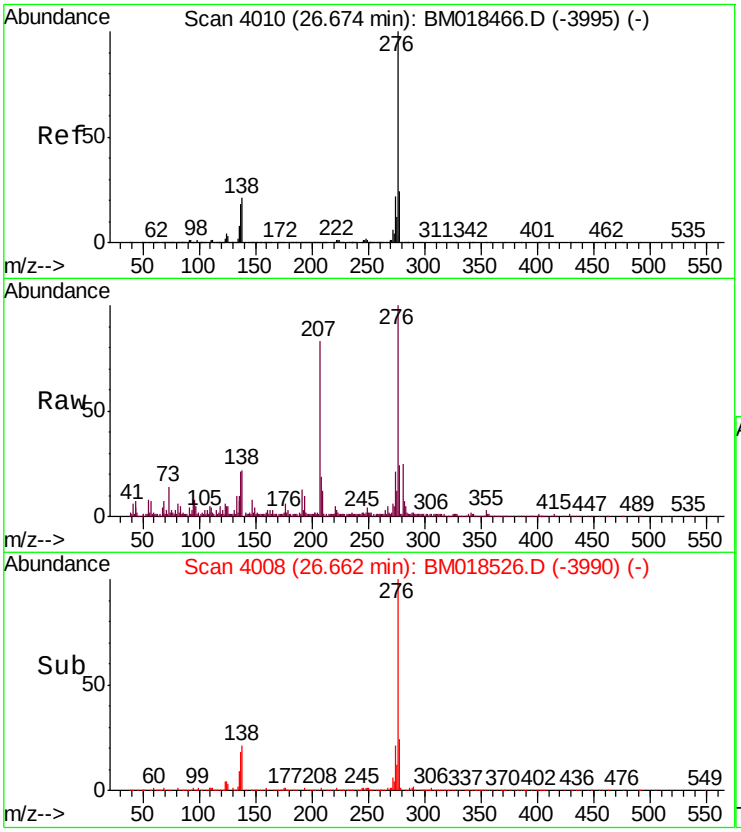


#90
Benzo(a)pyrene
Concen: 5.644 ng
RT: 23.53 min Scan# 3476
Delta R.T. -0.00 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Tgt Ion:252 Resp: 808326

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	11.9	9.7	14.5





#92
Benzo(g,h,i)perylene
Concen: 4.264 ng
RT: 26.66 min Scan# 4008
Delta R.T. 0.01 min
Lab File: BM018526.D
Acq: 11 Jan 2019 01:41

Instrument :
BNA_M
ClientSampleId :
TP-19-20

Tgt Ion:276 Resp: 602104

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	21.5	18.1	27.1