Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022519\
Data File : BM018926.D
Acq On : 25 Feb 2019 22:47
Operator : JU/SJ
Sample : K1348-05RE 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-03-022219-BRE

Quant Time: Feb 26 00:03:48 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	150176	20.00	ng		-0.02
21) Naphthalene-d8	10.48	136	636116	20.00	ng		-0.02
39) Acenaphthene-d10	14.35	164	373778	20.00	ng		-0.02
64) Phenanthrene-d10	17.10	188	881877	20.00	ng		-0.02
76) Chrysene-d12	21.30	240	1002907	20.00	ng		-0.01
87) Perylene-d12	23.55	264	1109386	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	425494	46.42	ng		-0.02
7) Phenol-d6	6.87	99	597118	46.24	ng		-0.02
23) Nitrobenzene-d5	8.86	82	379420	27.58	ng		-0.02
42) 2,4,6-Tribromophenol	15.84	330	232909	43.23	ng		-0.02
45) 2-Fluorobiphenyl	12.96	172	722291	25.65	ng		-0.02
79) Terphenyl-d14	19.73	244	1161461	23.89	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.86	77	2380	Below Cal		#	7
31) Naphthalene	10.53	128	154396	4.977	ng		99
37) 2-Methylnaphthalene	12.15	142	49163	2.251	ng		94
52) Acenaphthene	14.41	154	94614	4.170	ng		97
55) Dibenzofuran	14.75	168	114985	3.083	ng		97
58) Fluorene	15.40	166	191202	6.702	ng		100
71) Phenanthrene	17.14	178	1515741	31.982	ng		99
72) Anthracene	17.23	178	361919	7.846	ng		100
73) Carbazole	17.52	167	103409	2.146	ng		99
75) Fluoranthene	19.16	202	1730825	31.616	ng		99
78) Pyrene	19.53	202	1389845	23.861	ng		99
81) Benzo(a)anthracene	21.28	228	763919	13.067	ng		99
83) Chrysene	21.33	228	577770	10.311	ng		97
86) Indeno(1,2,3-cd)pyrene	25.83	276	370744	5.731	ng		95
88) Benzo(b)fluoranthene	22.87	252	1081361	17.037	ng		95
89) Benzo(k)fluoranthene	22.87	252	1080416	17.098	ng	#	95
90) Benzo(a)pyrene	23.45	252	598538	9.954	ng	#	94
92) Benzo(g,h,i)perylene	26.53	276	340658	6.142	ng		100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022519\
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Acq On : 25 Feb 2019 22:47
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Sample : K1348-05RE 2X
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Instrument :
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OK-03-022219-BRE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
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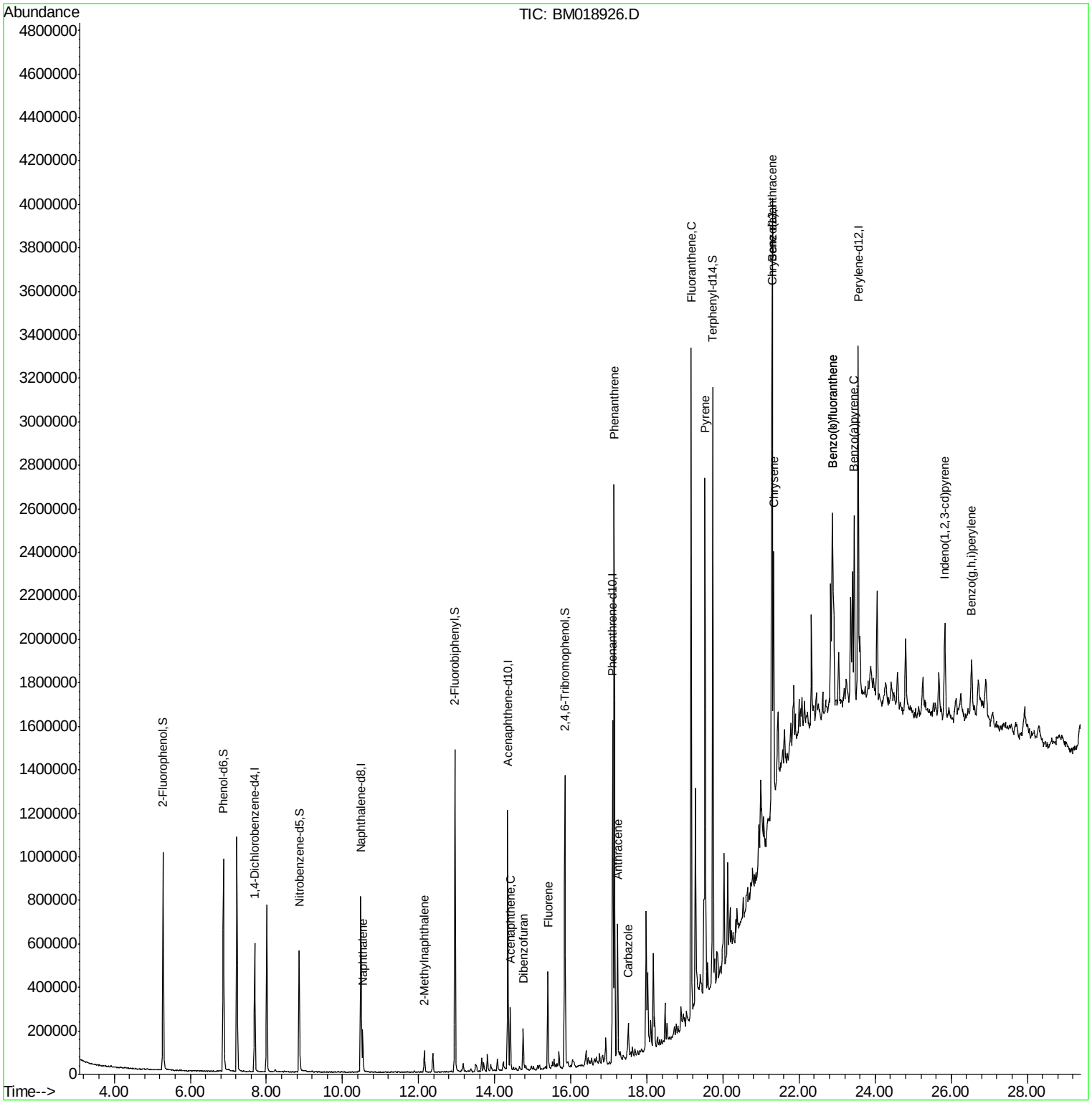
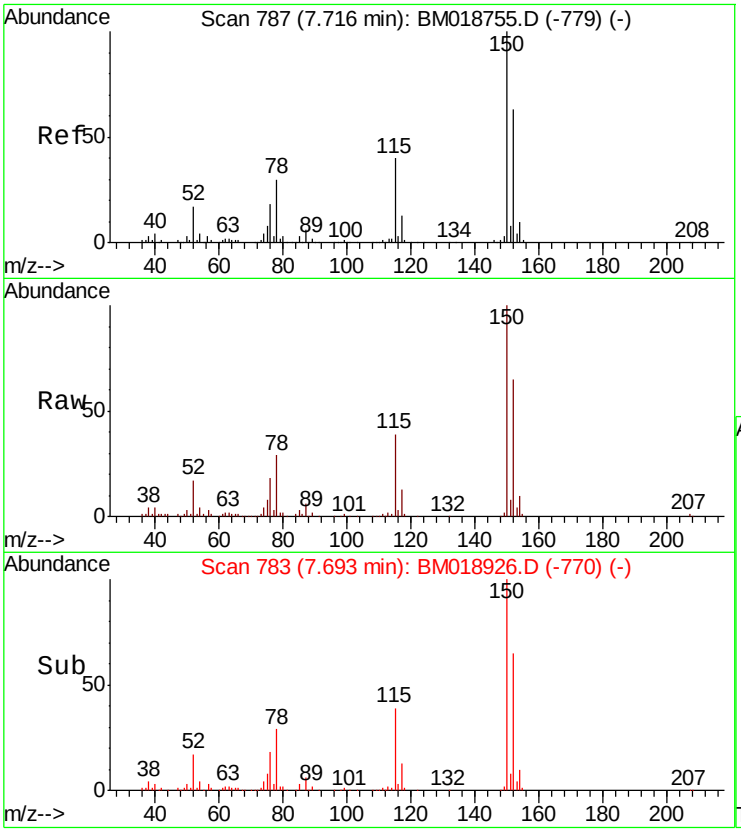


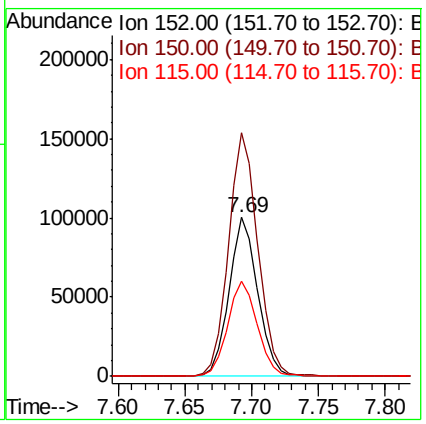


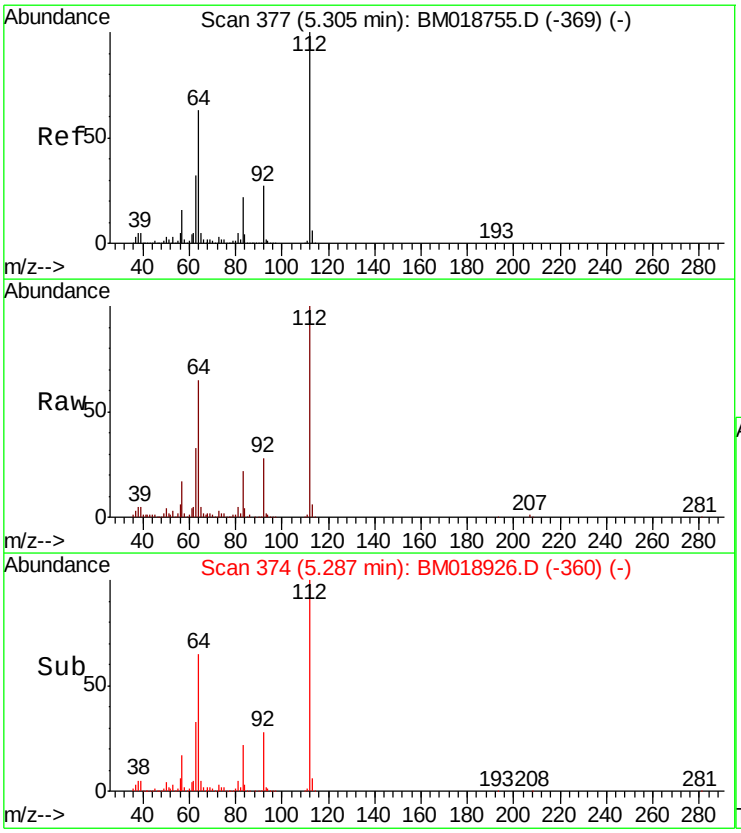
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Instrument :
BNA_M
ClientSampleId :
OK-03-022219-BRE

Tgt Ion:152 Resp: 150176

Ion	Ratio	Lower	Upper
152	100		
150	153.5	127.3	190.9
115	59.9	50.8	76.2

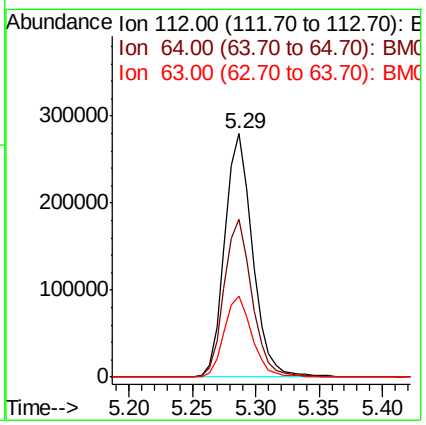


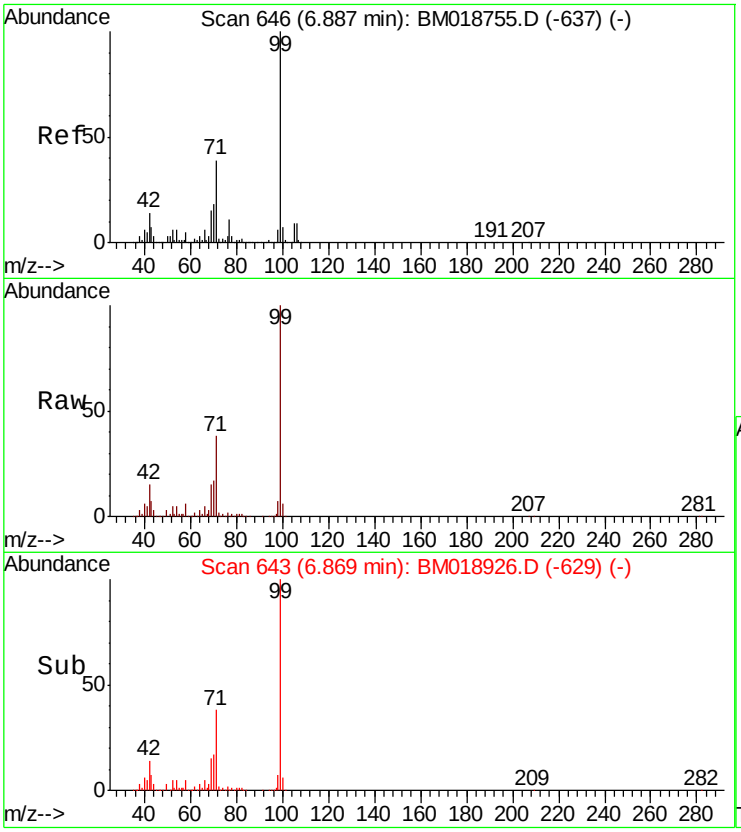


#5
2-Fluorophenol
Concen: 46.423 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Tgt Ion:112 Resp: 425494

Ion	Ratio	Lower	Upper
112	100		
64	64.8	50.6	75.8
63	33.4	25.7	38.5



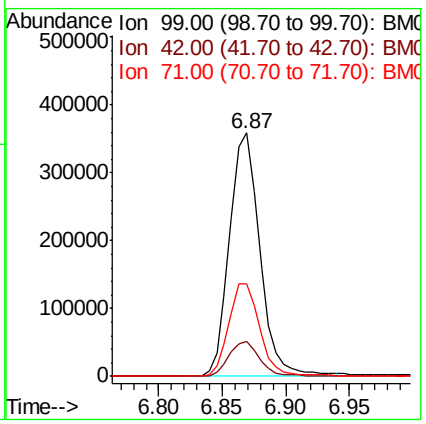


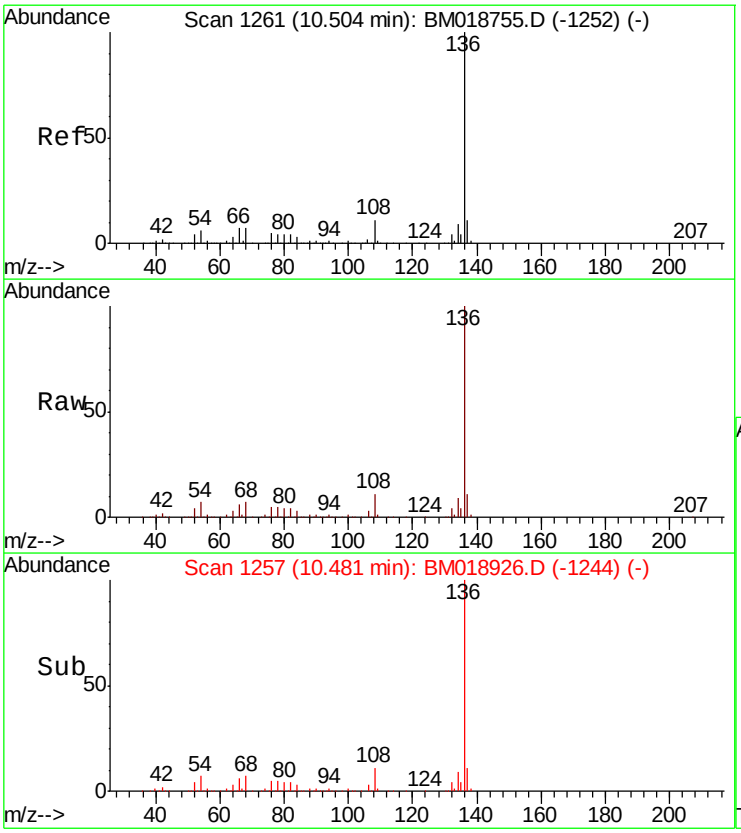
#7
Phenol-d6
Concen: 46.245 ng
RT: 6.87 min Scan# 643
Delta R.T. -0.02 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Instrument :
BNA_M
ClientSampleId :
OK-03-022219-BRE

Tgt Ion: 99 Resp: 597118

Ion	Ratio	Lower	Upper
99	100		
42	14.6	11.0	16.6
71	38.1	31.3	46.9

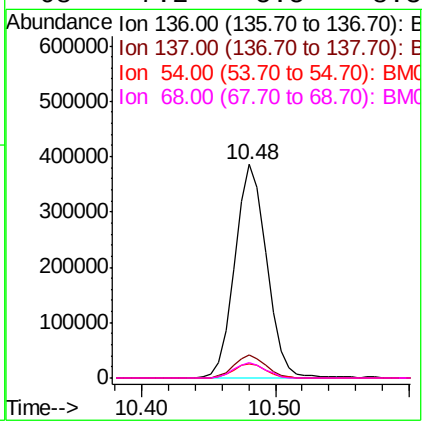


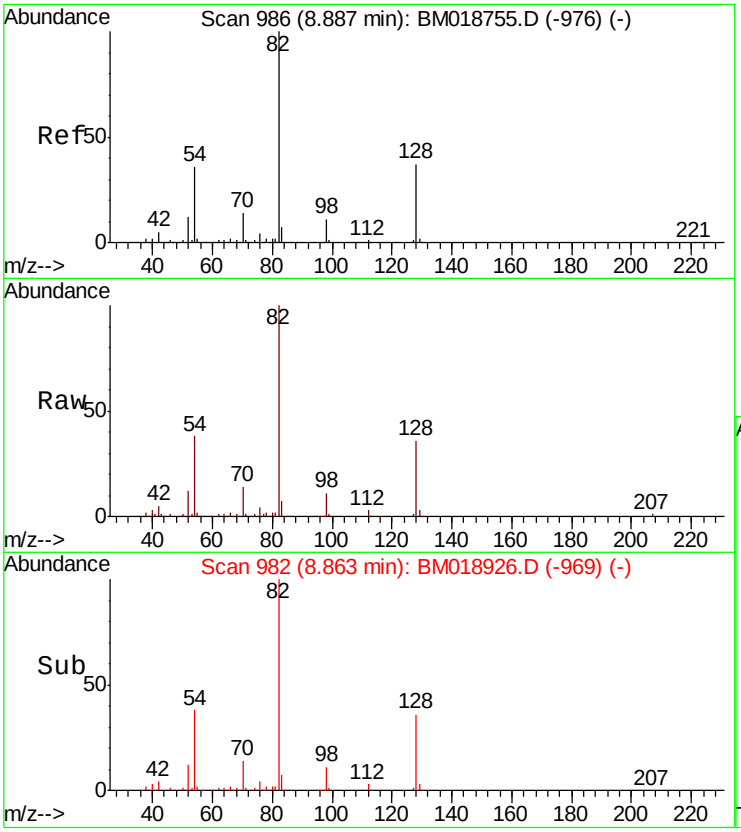


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Tgt Ion:136 Resp: 636116

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.7	5.0	7.6
68	7.2	5.5	8.3



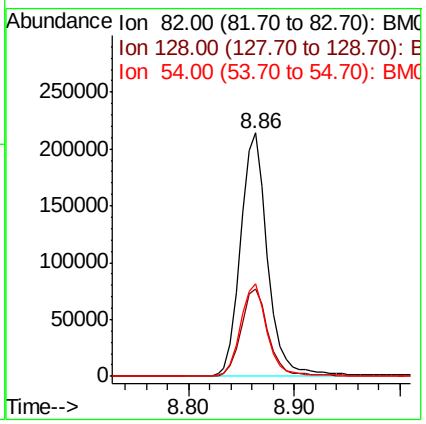


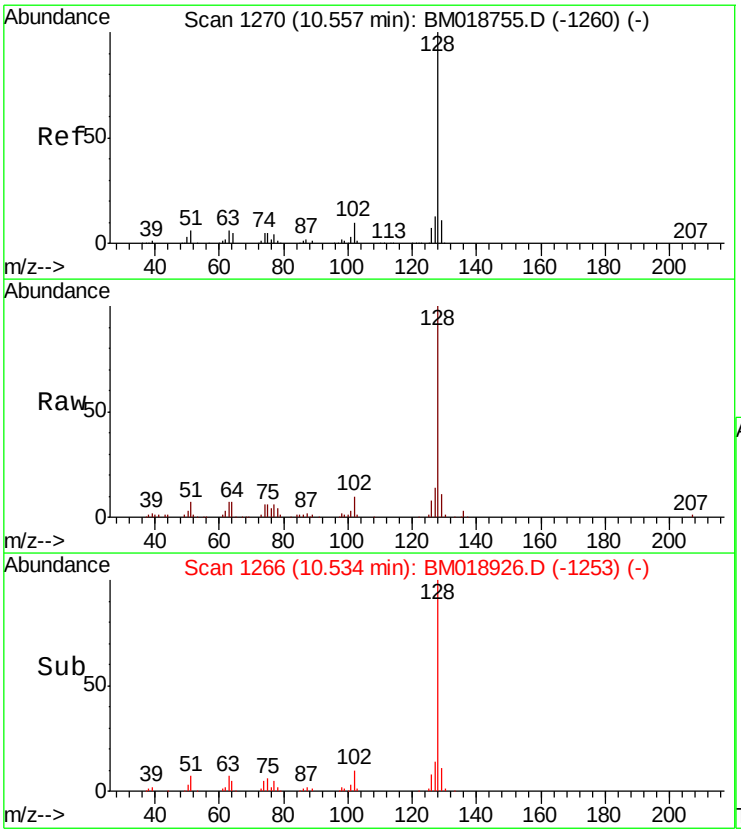
#23
Nitrobenzene-d5
Concen: 27.580 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Instrument :
BNA_M
ClientSampleId :
OK-03-022219-BRE

Tgt Ion: 82 Resp: 379420

Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.9	44.9
54	38.1	29.1	43.7

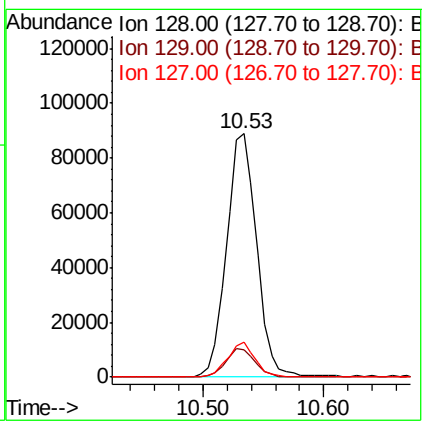


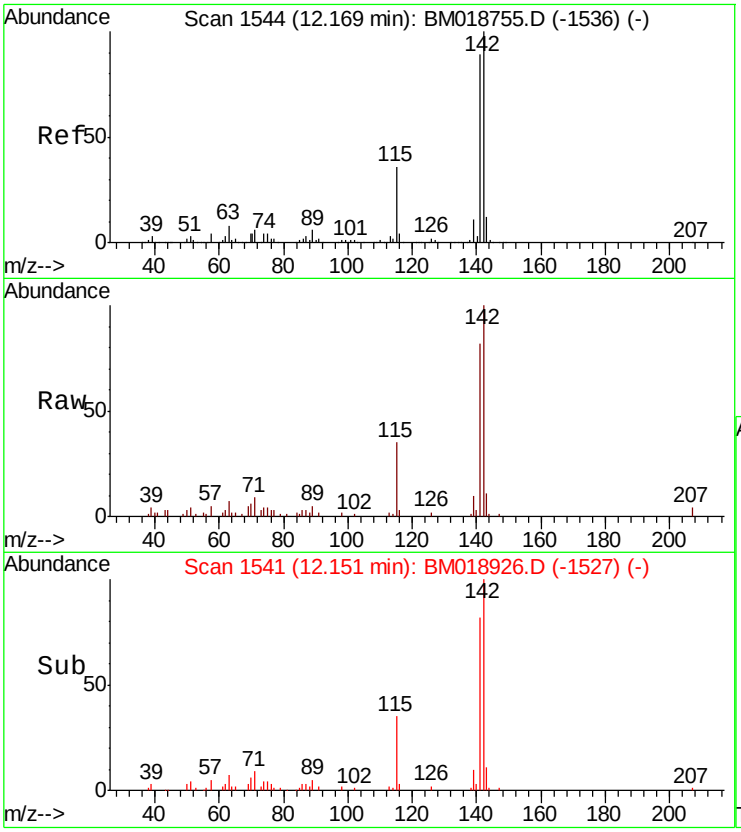


#31
Naphthalene
Concen: 4.977 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Tgt Ion:128 Resp: 154396

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	14.3	10.7	16.1



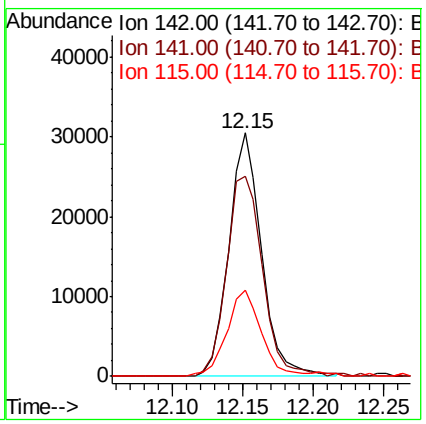


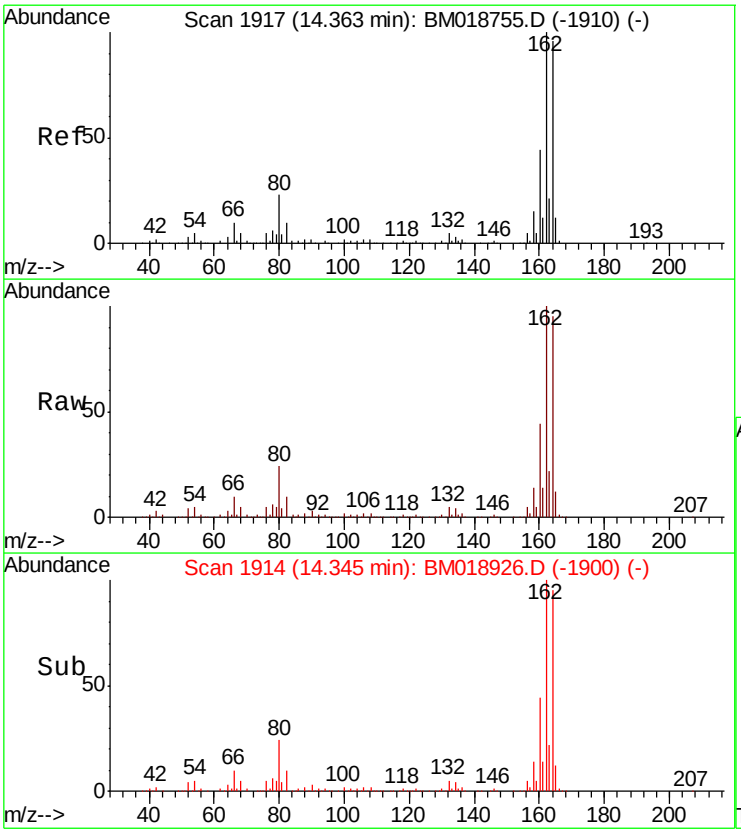
#37
2-Methylnaphthalene
Concen: 2.251 ng
RT: 12.15 min Scan# 1541
Delta R.T. -0.02 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Instrument :
BNA_M
ClientSampleId :
OK-03-022219-BRE

Tgt Ion:142 Resp: 49163

Ion	Ratio	Lower	Upper
142	100		
141	82.2	71.2	106.8
115	35.3	29.1	43.7

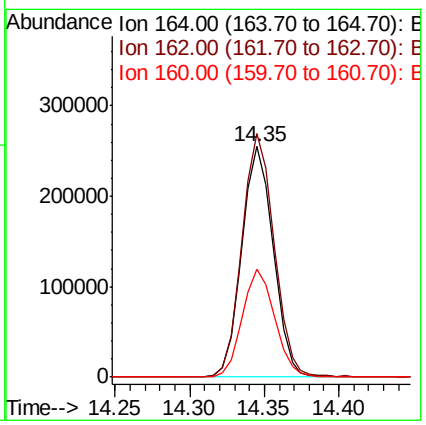


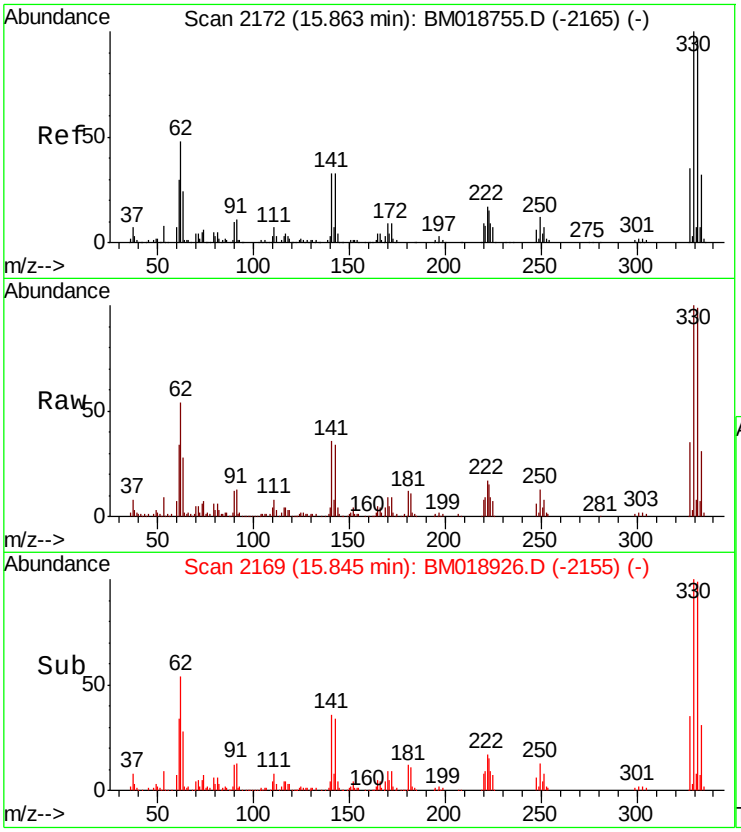


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Tgt Ion:164 Resp: 373778

Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.4	125.0
160	47.0	36.6	55.0



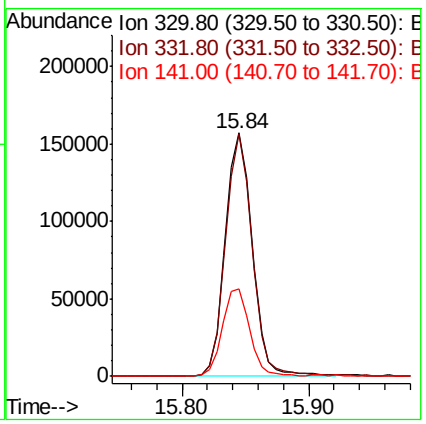


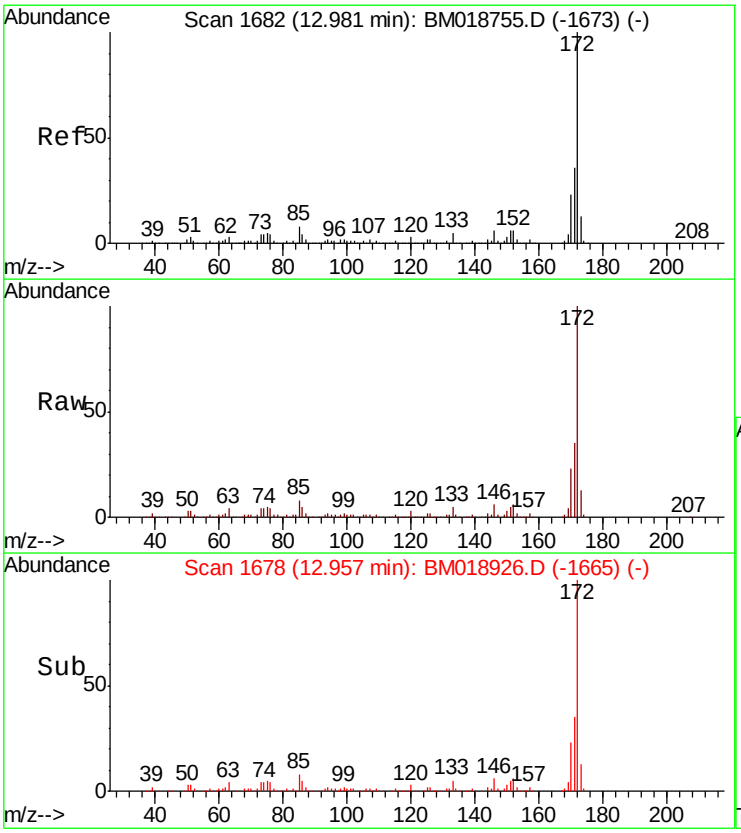
#42
2,4,6-Tribromophenol
Concen: 43.228 ng
RT: 15.84 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Instrument :
BNA_M
ClientSampleId :
OK-03-022219-BRE

Tgt Ion:330 Resp: 232909

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.9	115.3
141	36.4	28.7	43.1

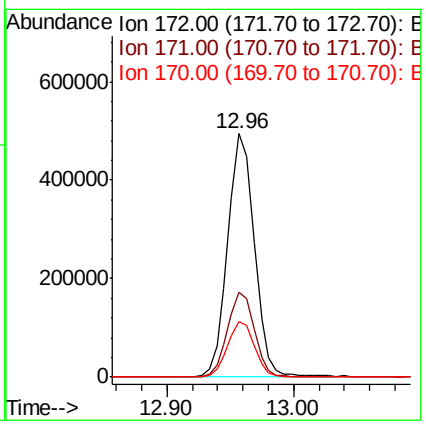


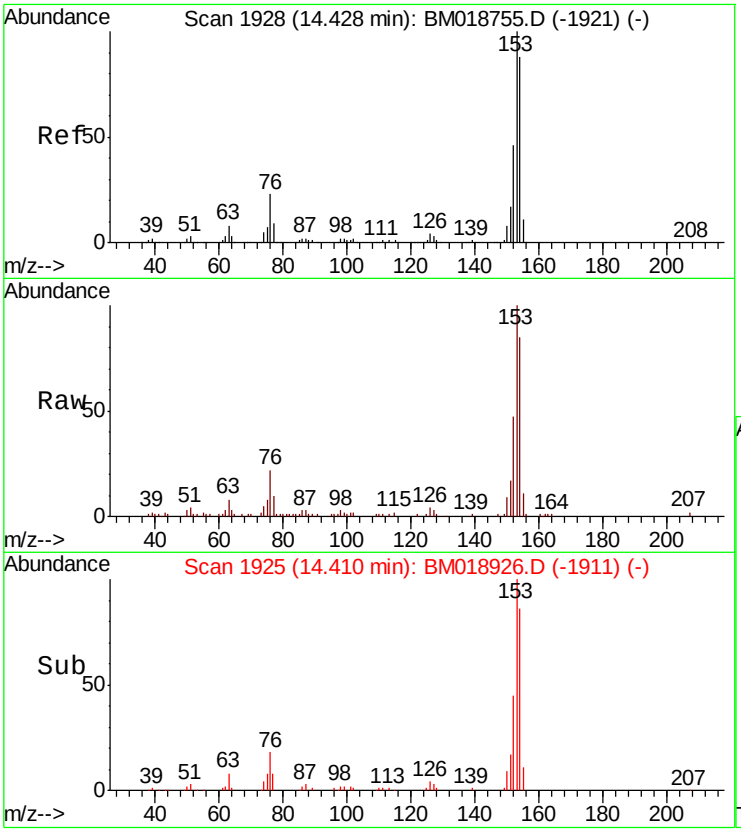


#45
2-Fluorobiphenyl
Concen: 25.652 ng
RT: 12.96 min Scan# 1678
Delta R.T. -0.02 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Tgt Ion:172 Resp: 722291

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.0	43.6
170	22.9	18.6	28.0



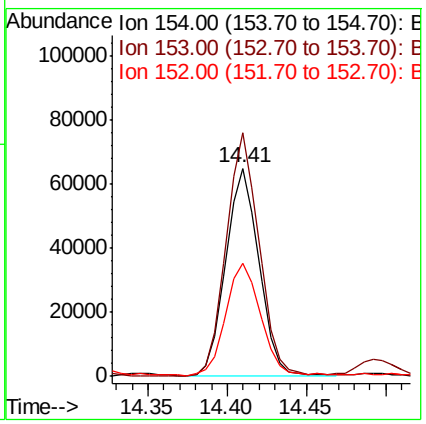


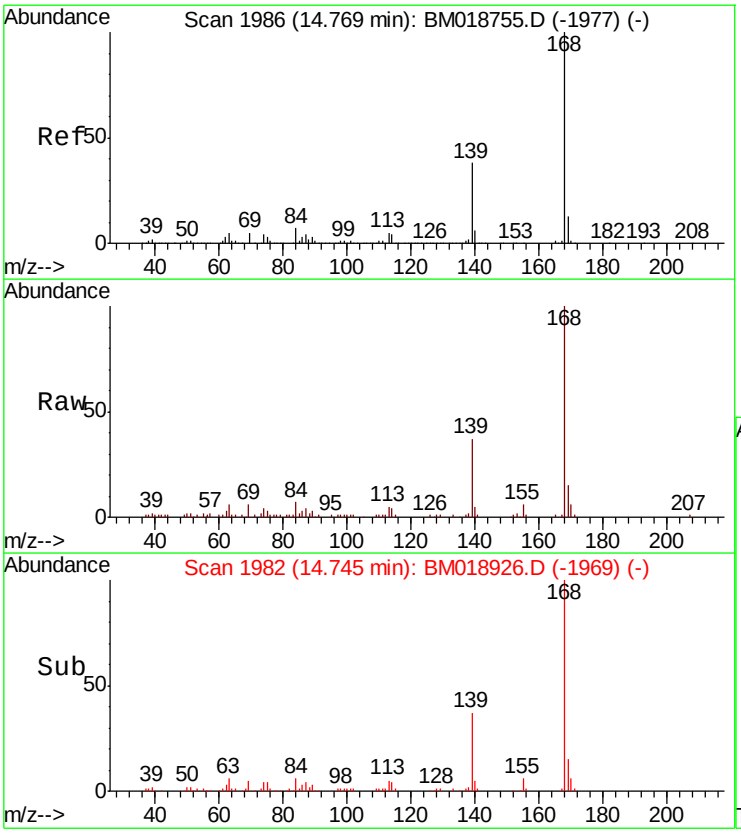
#52
Acenaphthene
Concen: 4.170 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.02 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Instrument :
BNA_M
ClientSampleId :
OK-03-022219-BRE

Tgt Ion:154 Resp: 94614

Ion	Ratio	Lower	Upper
154	100		
153	117.2	91.3	136.9
152	54.7	42.2	63.4

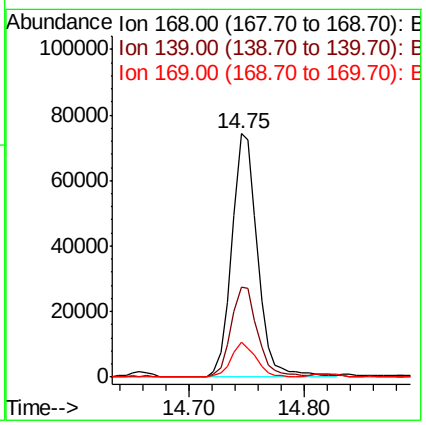


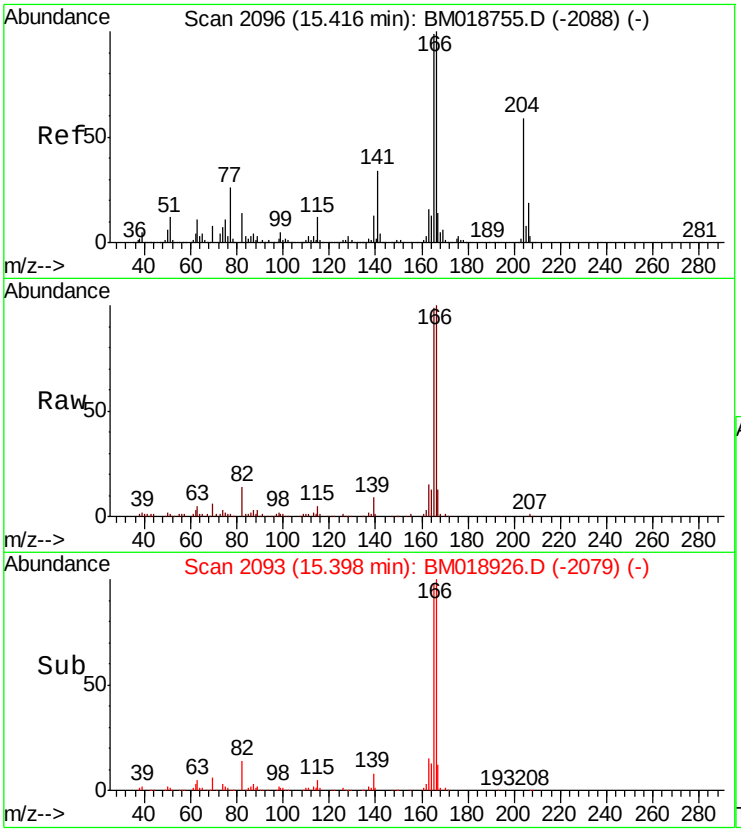


#55
Dibenzofuran
Concen: 3.083 ng
RT: 14.75 min Scan# 1982
Delta R.T. -0.02 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Tgt Ion:168 Resp: 114985

Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.7	46.1
169	14.6	10.3	15.5



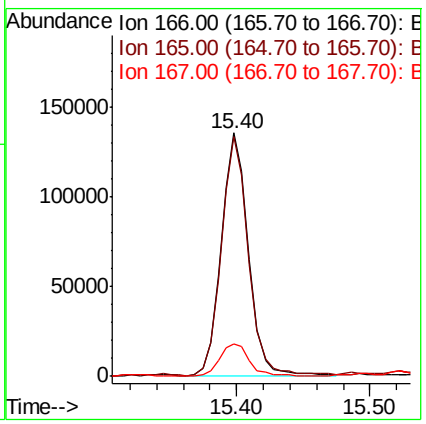


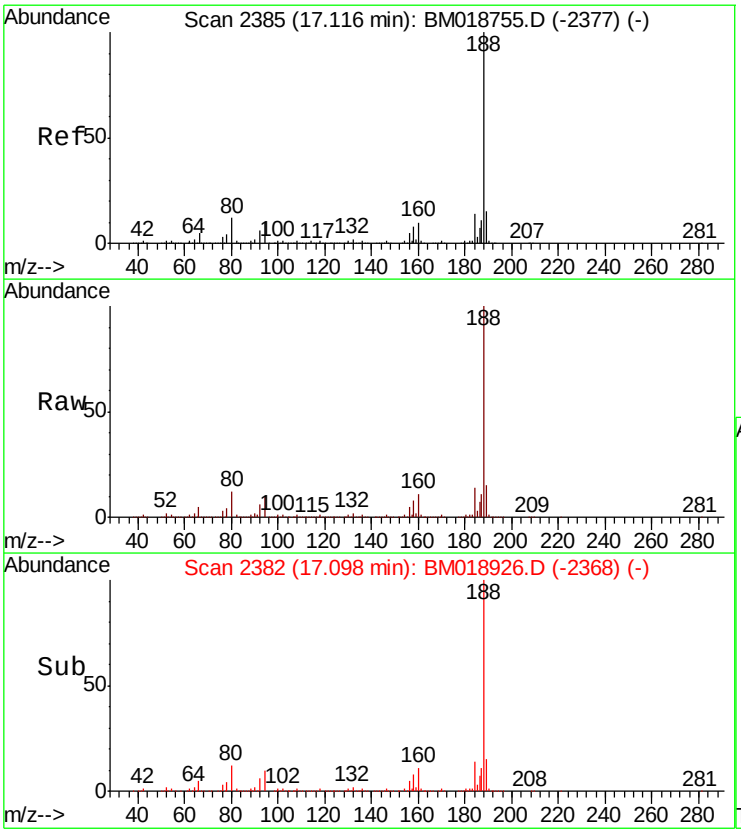
#58
Fluorene
Concen: 6.702 ng
RT: 15.40 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Instrument :
BNA_M
ClientSampleId :
OK-03-022219-BRE

Tgt Ion:166 Resp: 191202

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.1	118.7
167	13.1	11.0	16.4

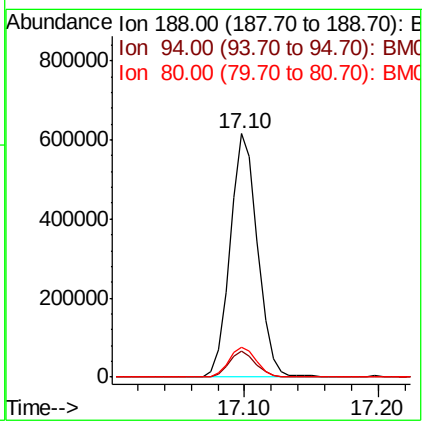


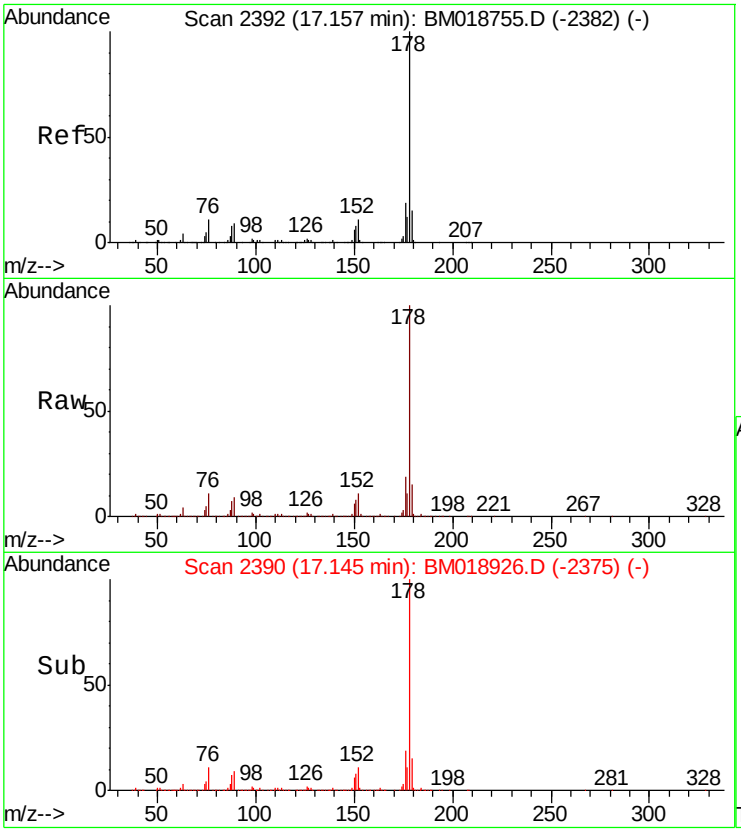


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Tgt Ion:188 Resp: 881877

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.2	12.2
80	12.1	9.7	14.5



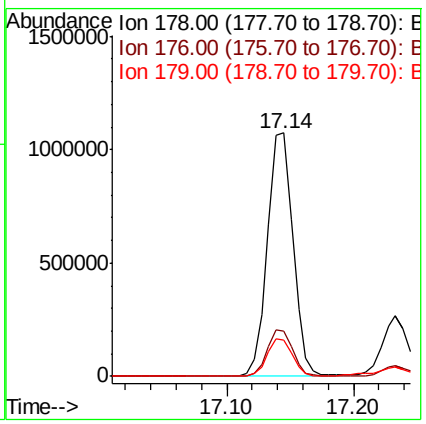


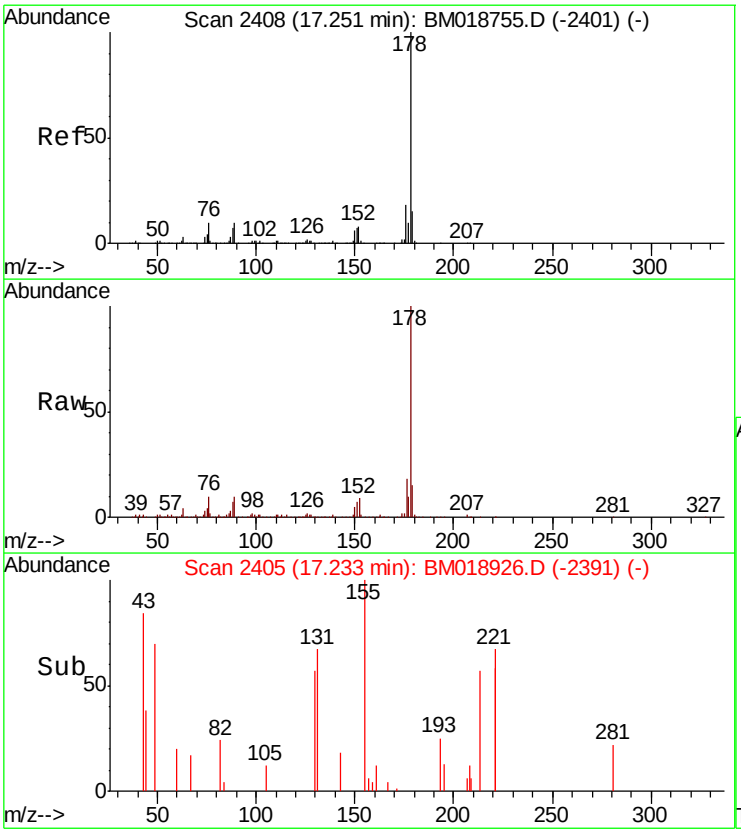
#71
Phenanthrene
Concen: 31.982 ng
RT: 17.14 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Instrument :
BNA_M
ClientSampleId :
OK-03-022219-BRE

Tgt Ion:178 Resp: 1515741

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	15.0	12.3	18.5

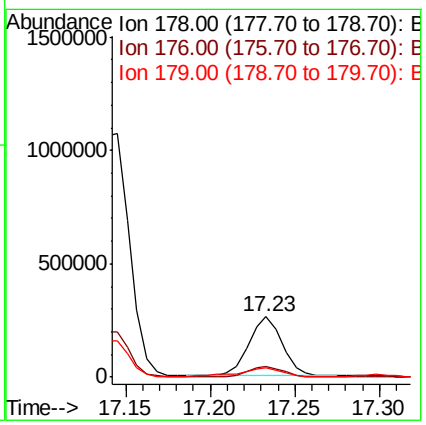


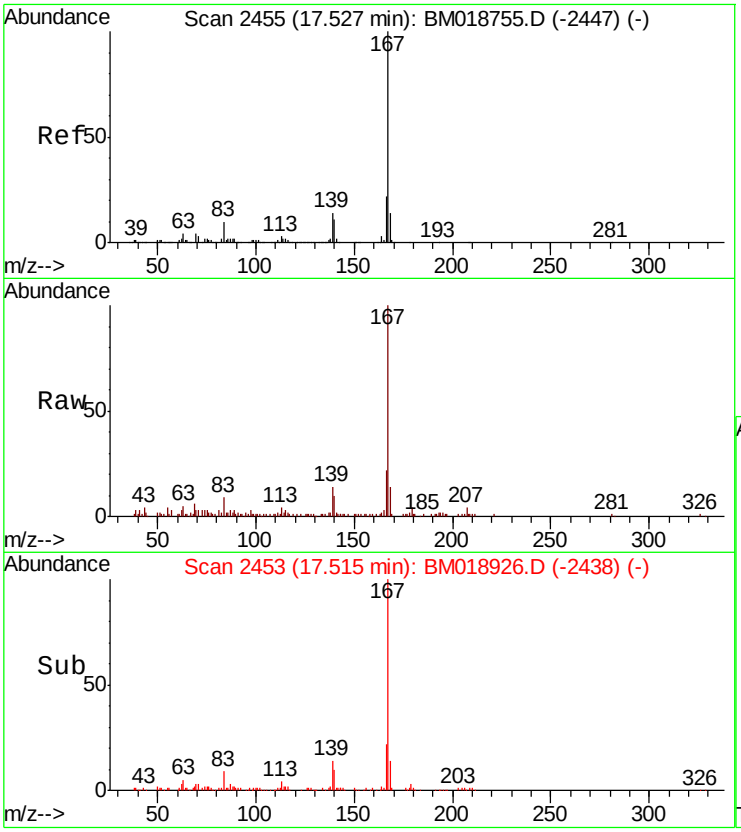


#72
Anthracene
Concen: 7.846 ng
RT: 17.23 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Tgt Ion:178 Resp: 361919

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	14.8	12.1	18.1



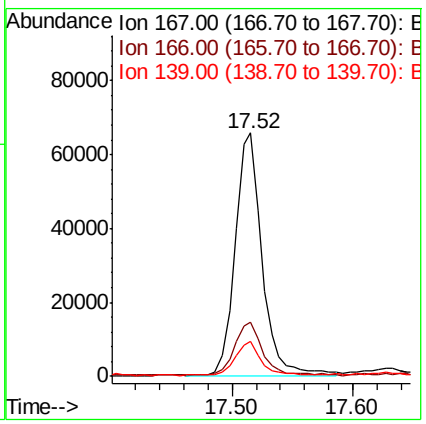


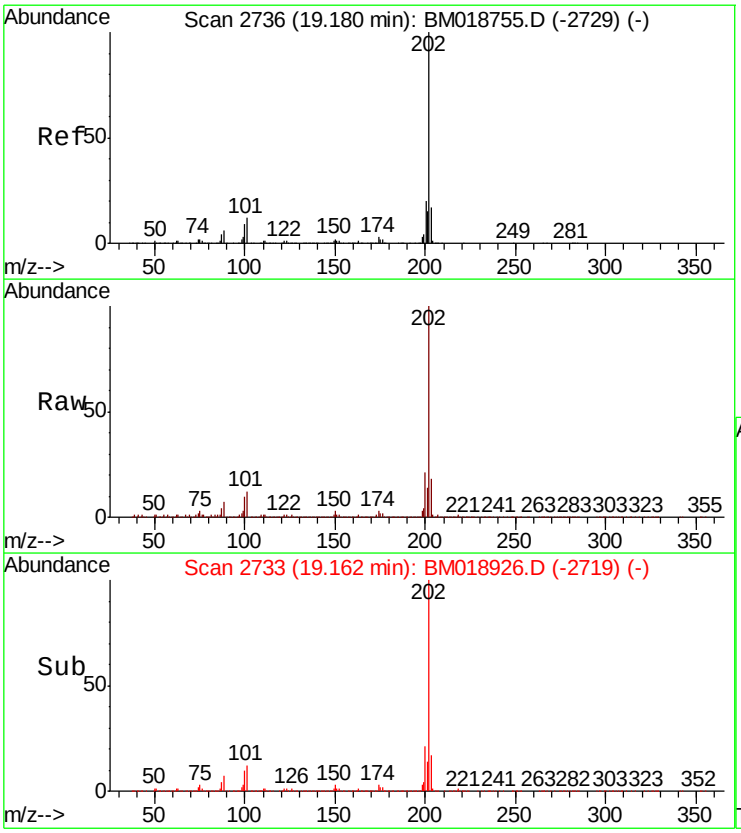
#73
Carbazole
Concen: 2.146 ng
RT: 17.52 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Instrument :
BNA_M
ClientSampleId :
OK-03-022219-BRE

Tgt Ion:167 Resp: 103409

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.7	26.5
139	14.4	10.9	16.3

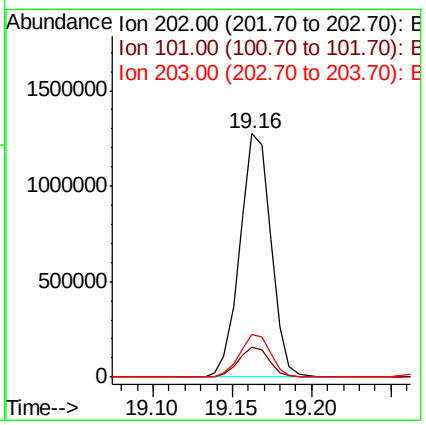


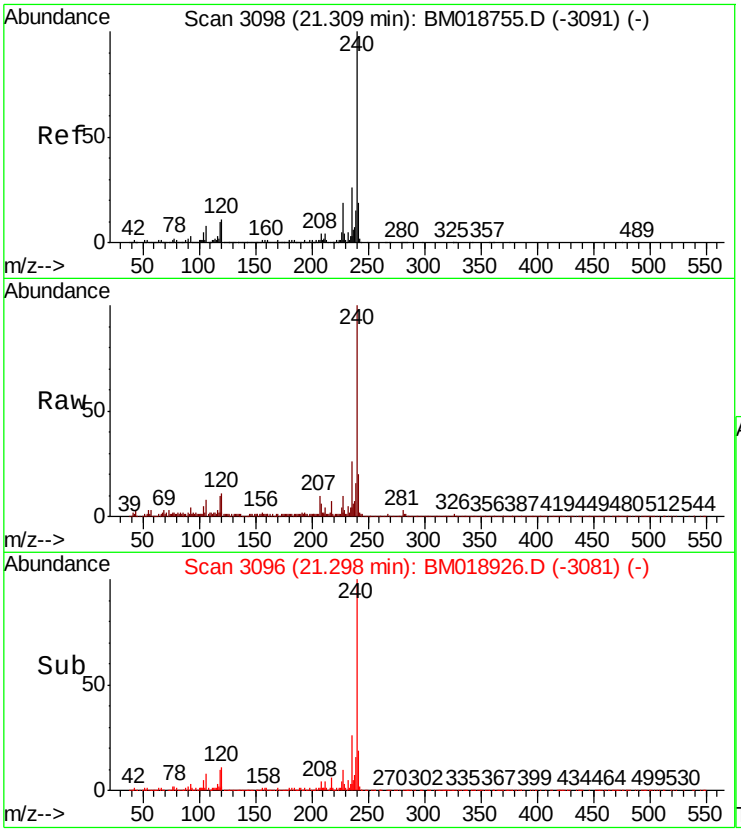


#75
Fluoranthene
Concen: 31.616 ng
RT: 19.16 min Scan# 2733
Delta R.T. -0.02 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Tgt Ion:202 Resp: 1730825

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.5
203	17.5	0.0	37.3



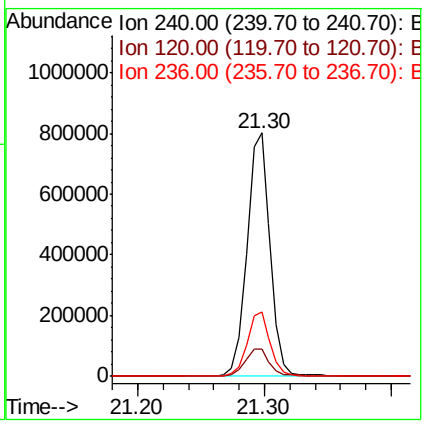


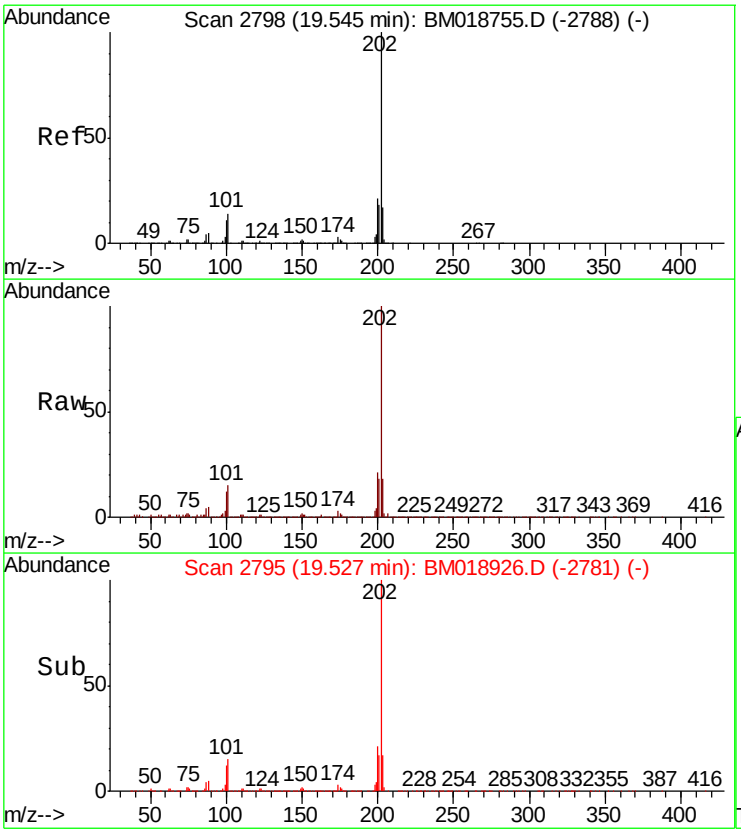
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Instrument :
BNA_M
ClientSampleId :
OK-03-022219-BRE

Tgt Ion:240 Resp: 1002907

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	26.4	20.9	31.3

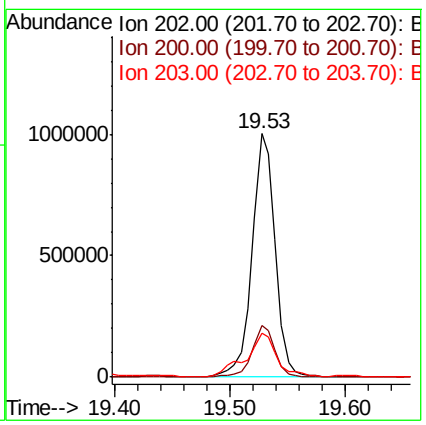


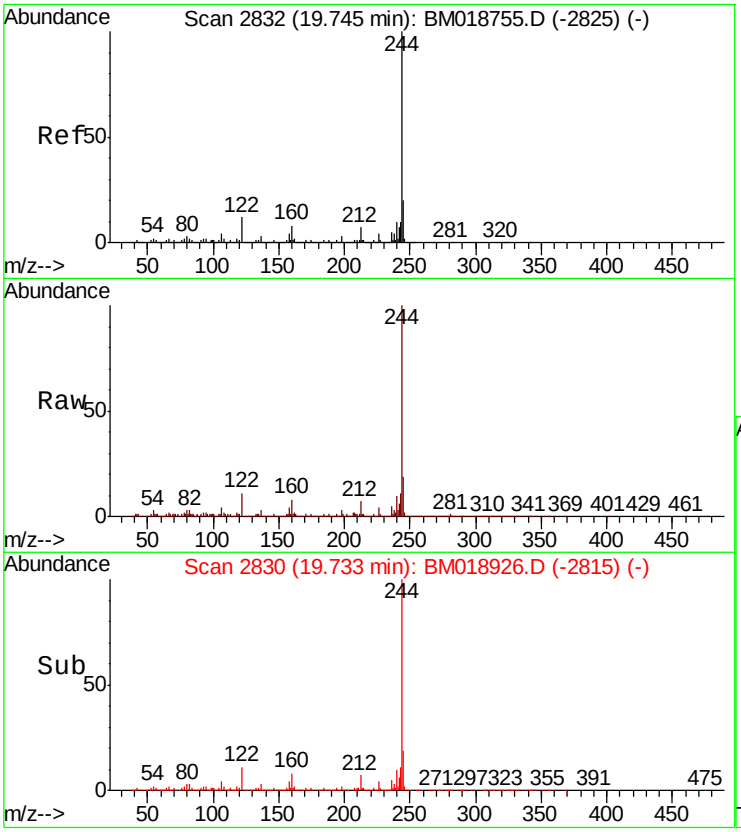


#78
Pyrene
Concen: 23.861 ng
RT: 19.53 min Scan# 2795
Delta R.T. -0.02 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Tgt Ion:202 Resp: 1389845

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.0	13.8	20.8



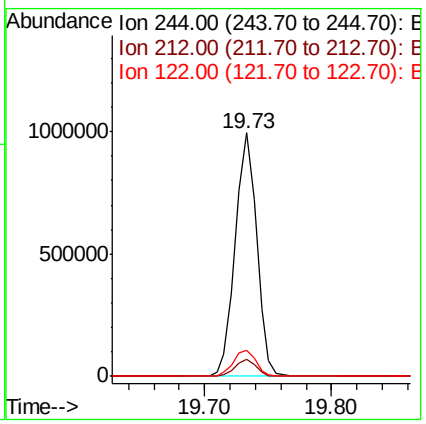


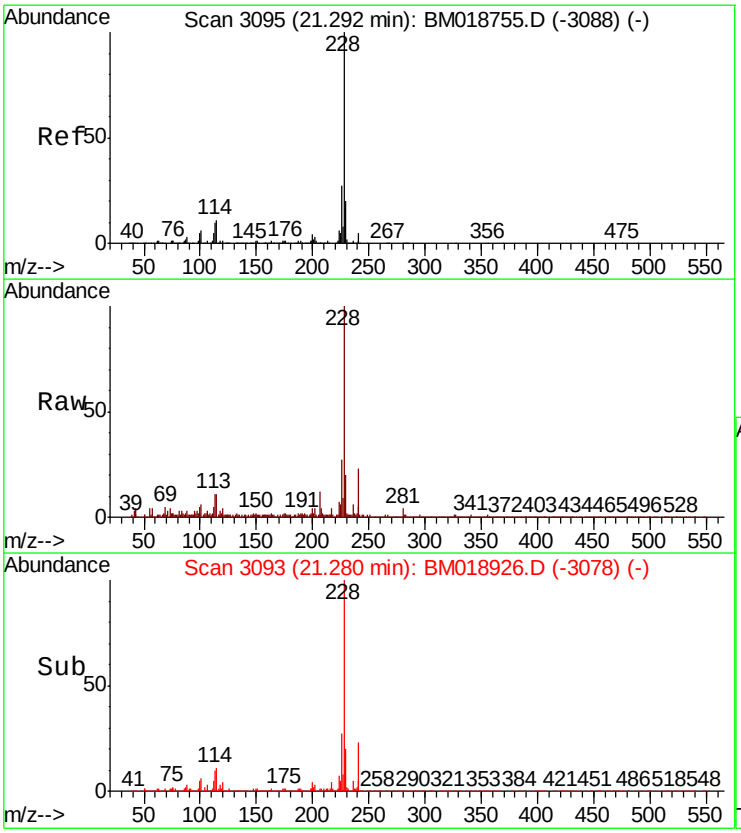
#79
Terphenyl-d14
Concen: 23.890 ng
RT: 19.73 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Instrument :
BNA_M
ClientSampleId :
OK-03-022219-BRE

Tgt Ion:244 Resp: 1161461

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.8	9.3	13.9

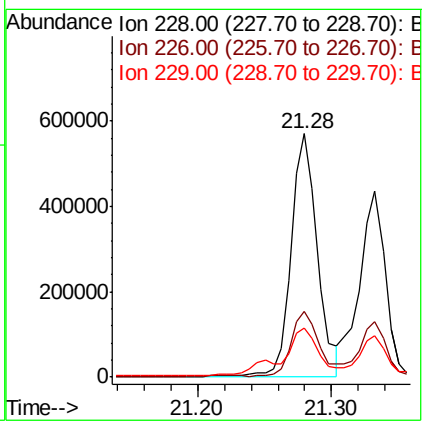


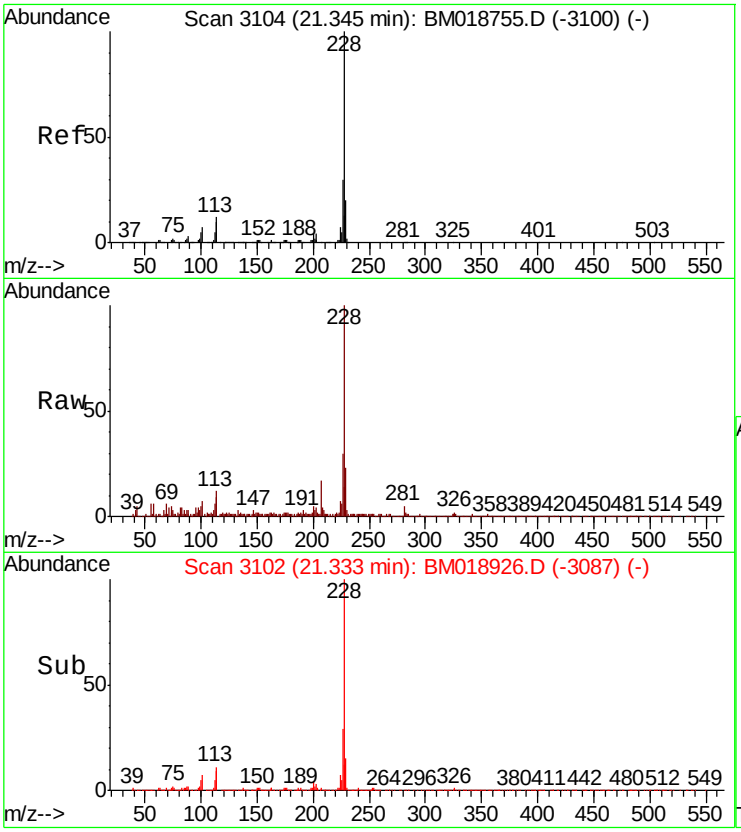


#81
Benzo(a)anthracene
Concen: 13.067 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Tgt Ion:228 Resp: 763919

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.9	32.9
229	20.3	15.9	23.9



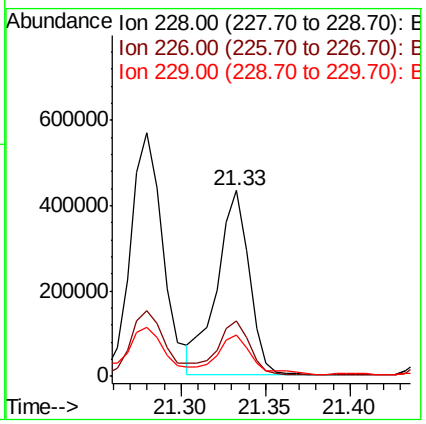


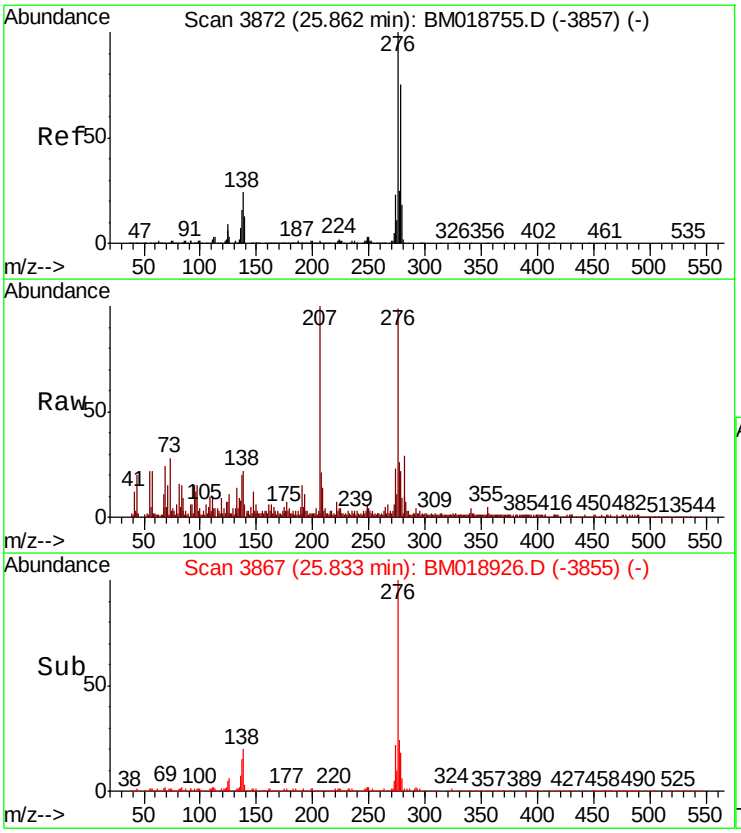
#83
Chrysene
Concen: 10.311 ng
RT: 21.33 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Instrument :
BNA_M
ClientSampleId :
OK-03-022219-BRE

Tgt Ion:228 Resp: 577770

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	22.5	16.0	24.0

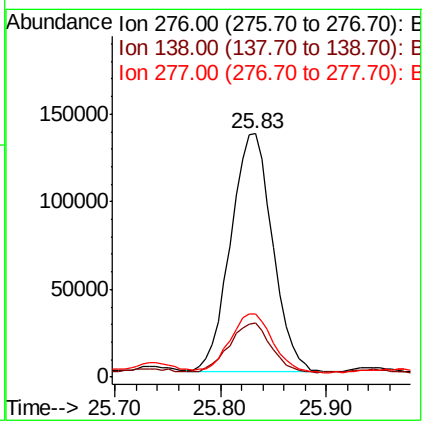


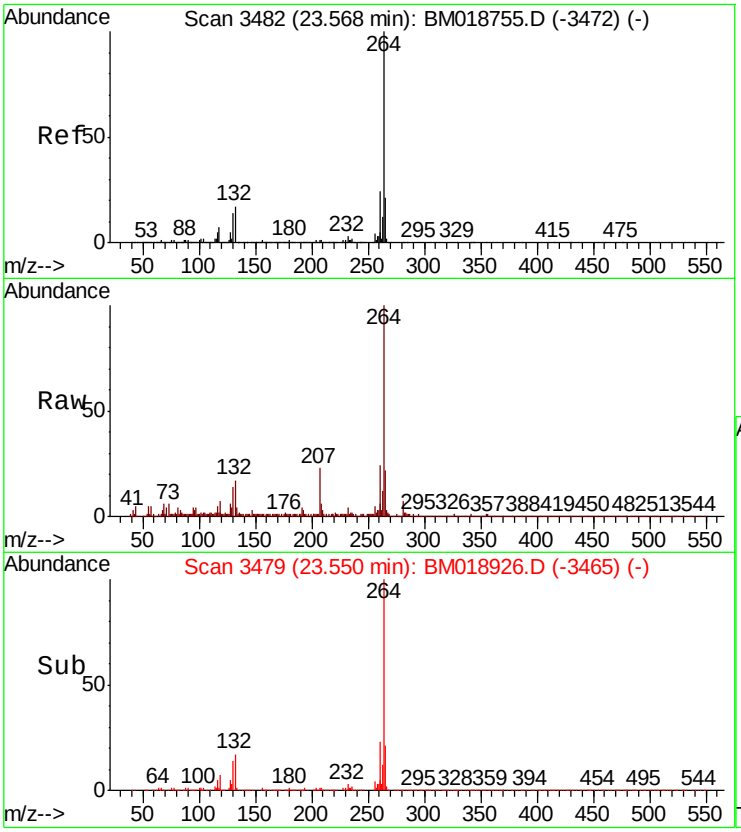


#86
Indeno(1,2,3-cd)pyrene
Concen: 5.731 ng
RT: 25.83 min Scan# 3867
Delta R.T. -0.03 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Tgt Ion:276 Resp: 370744

Ion	Ratio	Lower	Upper
276	100		
138	20.8	20.2	30.4
277	25.6	20.3	30.5



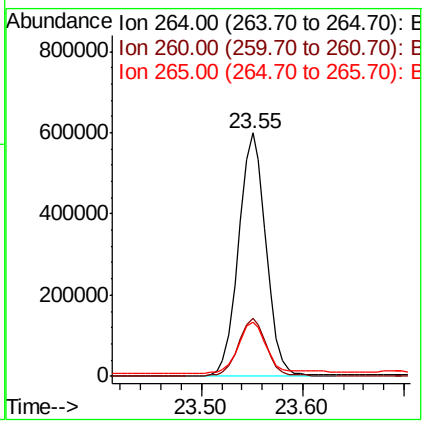


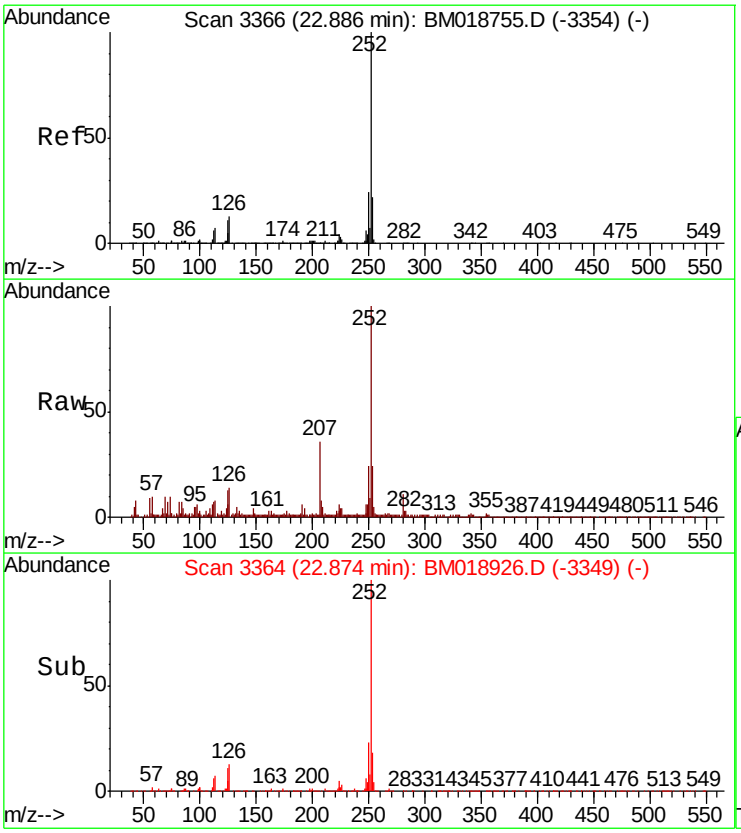
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.55 min Scan# 3479
Delta R.T. -0.02 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Instrument :
BNA_M
ClientSampleId :
OK-03-022219-BRE

Tgt Ion:264 Resp: 1109386

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.4	17.3	25.9

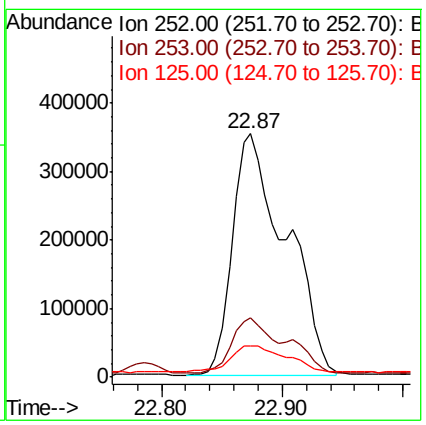


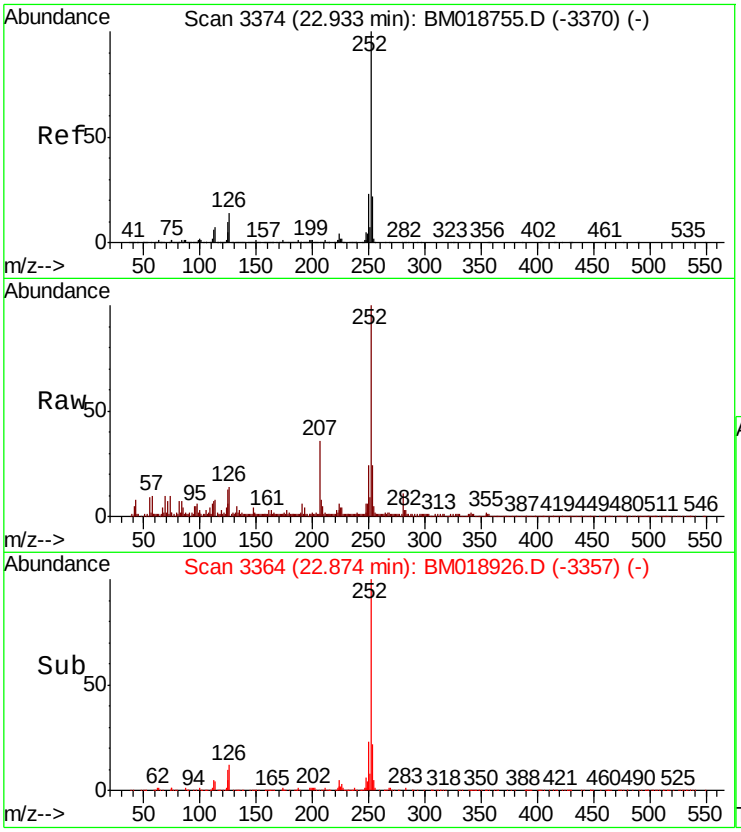


#88
Benzo(b)fluoranthene
Concen: 17.037 ng
RT: 22.87 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Tgt Ion:252 Resp: 1081361

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	12.8	8.6	12.8



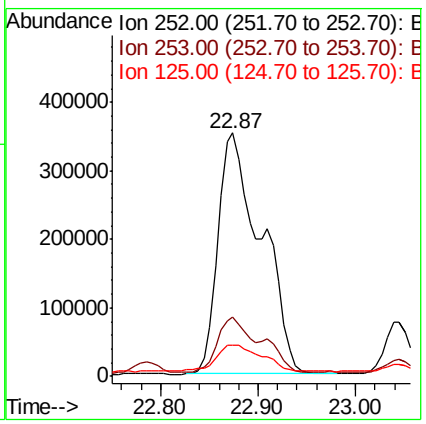


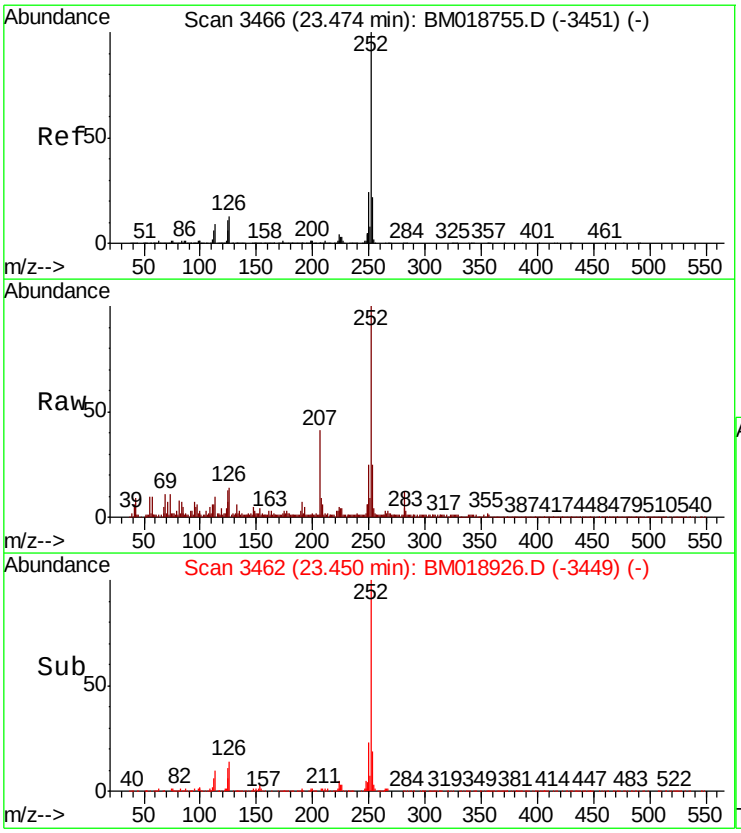
#89
Benzo(k)fluoranthene
Concen: 17.098 ng
RT: 22.87 min Scan# 3364
Delta R.T. -0.06 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Instrument :
BNA_M
ClientSampleId :
OK-03-022219-BRE

Tgt Ion:252 Resp: 1080416

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.7	26.5
125	12.8	8.2	12.4#

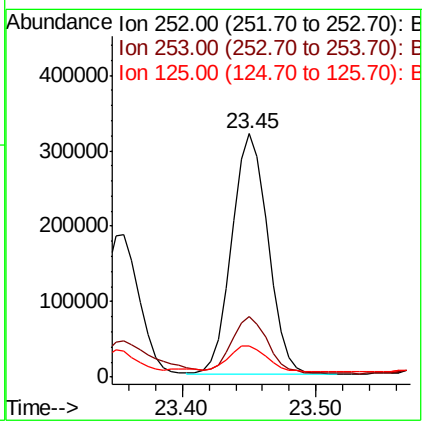


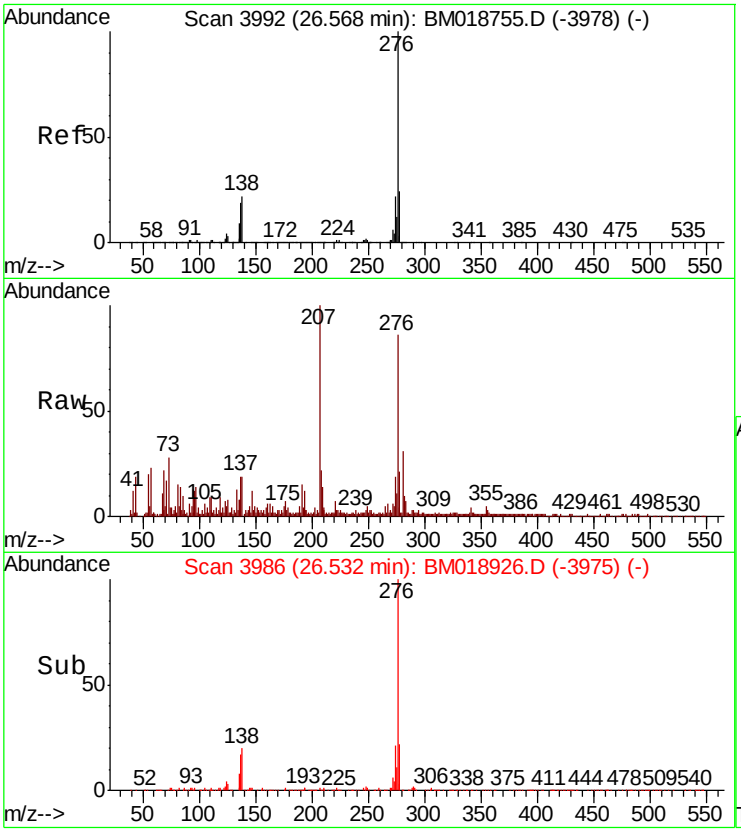


#90
Benzo(a)pyrene
Concen: 9.954 ng
RT: 23.45 min Scan# 3462
Delta R.T. -0.02 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Tgt Ion:252 Resp: 598538

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.4	26.0
125	13.0	8.6	13.0#





#92
Benzo(g,h,i)perylene
Concen: 6.142 ng
RT: 26.53 min Scan# 3986
Delta R.T. -0.04 min
Lab File: BM018926.D
Acq: 25 Feb 2019 22:47

Instrument :
BNA_M
ClientSampleId :
OK-03-022219-BRE

Tgt Ion:276 Resp: 340658

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	21.6	17.3	25.9