Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018482.D
Acq On : 09 Jan 2019 20:42
Operator : JU/SJ
Sample : K1044-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-08(10-15)

Quant Time: Jan 10 05:39:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 12:39:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	628924	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	2634906	20.00	ng		0.00
39) Acenaphthene-d10	14.41	164	1536464	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	3483180	20.00	ng		0.00
76) Chrysene-d12	21.37	240	2836536	20.00	ng		0.02
87) Perylene-d12	23.66	264	2642178	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	3467736	101.81	ng		0.00
7) Phenol-d6	6.94	99	4595701	106.23	ng		0.00
23) Nitrobenzene-d5	8.93	82	2892646	63.64	ng		0.00
42) 2,4,6-Tribromophenol	15.91	330	2133326	109.05	ng		0.00
45) 2-Fluorobiphenyl	13.03	172	7259744	61.65	ng		0.00
79) Terphenyl-d14	19.80	244	10052184	74.71	ng		0.02
Target Compounds							Qvalue
10) Phenol	6.97	94	257882	5.866	ng		95
32) Benzoic acid	9.89	122	776	6.533	ng	#	1
35) Caprolactam	11.56	113	35829	2.730	ng	#	56
50) Dimethylphthalate	13.87	163	890168	7.054	ng		99
52) Acenaphthene	14.47	154	991350	10.687	ng		99
54) 2,4-Dinitrophenol	14.50	184	846	7.255	ng	#	1
55) Dibenzofuran	14.81	168	329804	2.152	ng	#	90
58) Fluorene	15.46	166	685663	6.005	ng	#	96
65) 4,6-Dinitro-2-methylphenol	15.58	198	6766	5.664	ng	#	1
71) Phenanthrene	17.21	178	1246086	6.726	ng	#	94
72) Anthracene	17.30	178	535095	3.004	ng	#	88
75) Fluoranthene	19.26	202	3506308	16.415	ng		94
78) Pyrene	19.60	202	2984263	17.749	ng		96
81) Benzo(a)anthracene	21.35	228	1107727	6.629	ng	#	91
83) Chrysene	21.40	228	1071601	6.641	ng	#	91
84) Bis(2-ethylhexyl)phthalate	21.27	149	780386	7.533	ng	#	88
86) Indeno(1,2,3-cd)pyrene	25.97	276	672949	3.617	ng	#	92
88) Benzo(b)fluoranthene	22.96	252	1425393	9.502	ng	#	74
89) Benzo(k)fluoranthene	22.96	252	1424844	9.425	ng	#	74
90) Benzo(a)pyrene	23.56	252	902031	6.281	ng	#	80
92) Benzo(g,h,i)perylene	26.69	276	668451	4.721	ng		97

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

Quantitation Report (Not Reviewed)

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Misc :
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Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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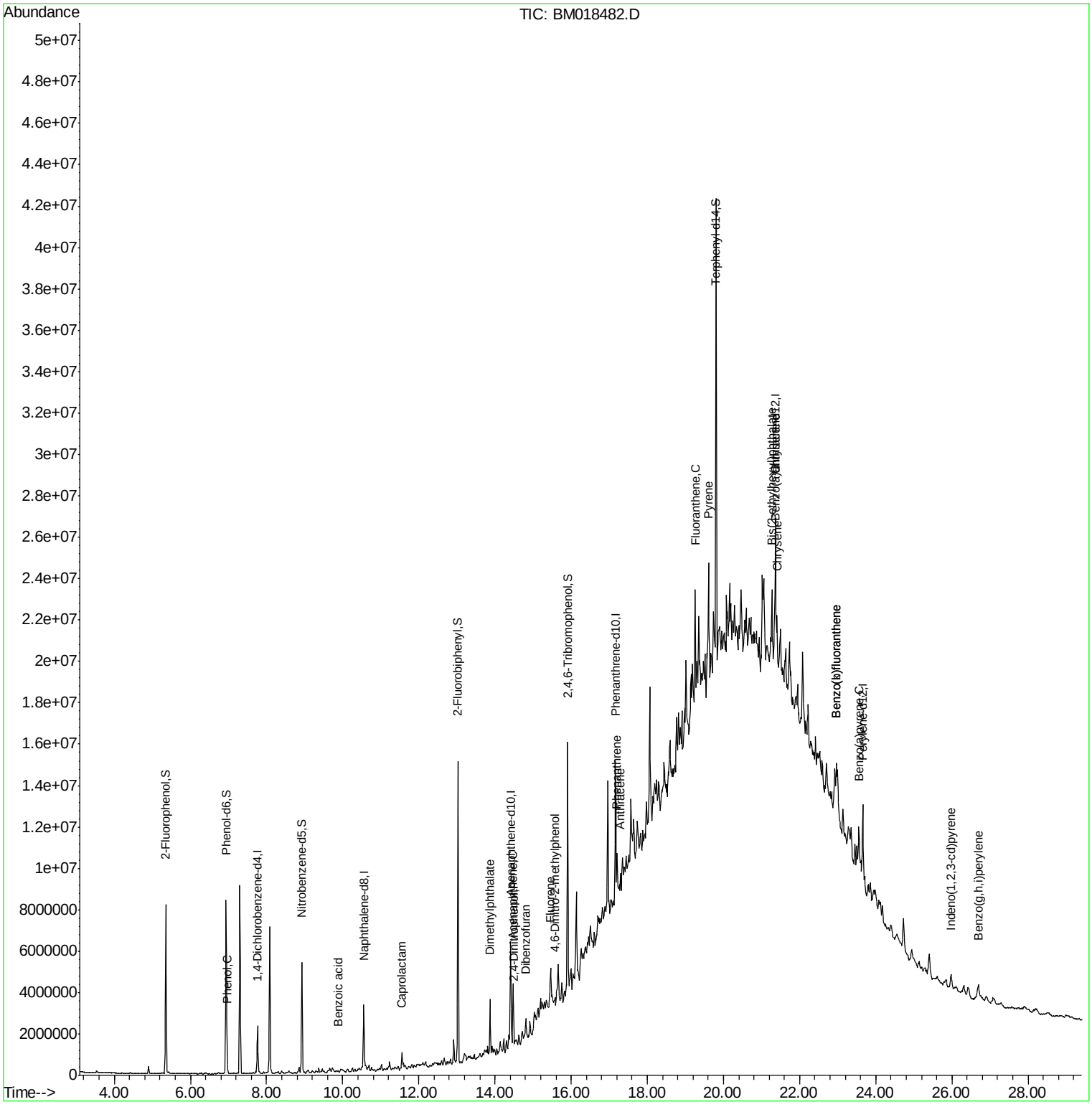
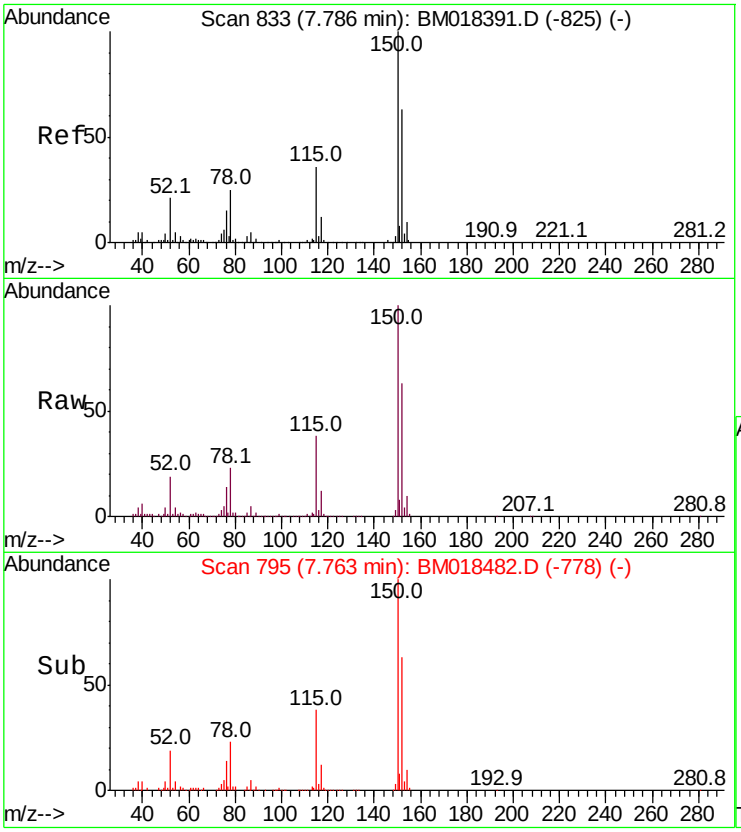


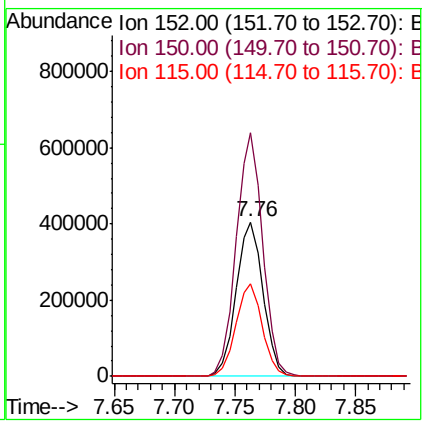


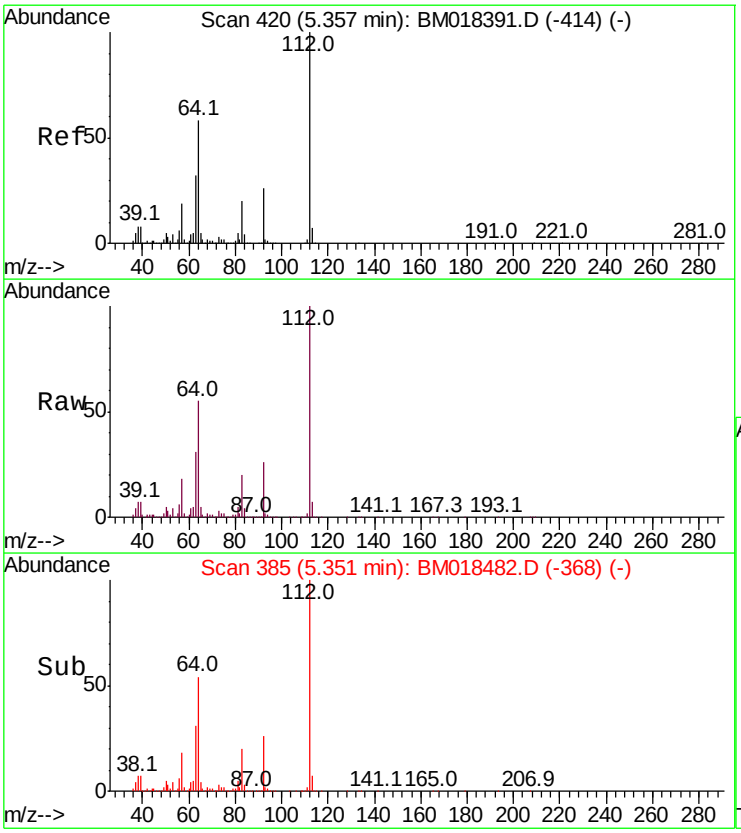
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tgt Ion:152 Resp: 628924

Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.9	190.3
115	60.2	45.5	68.3

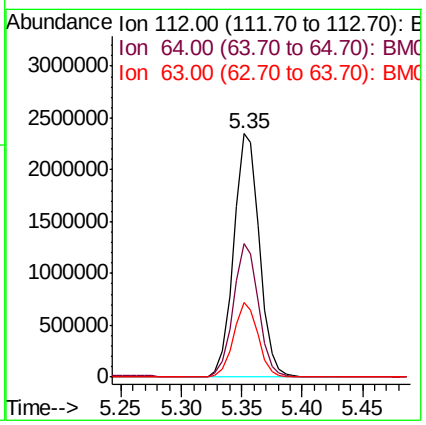


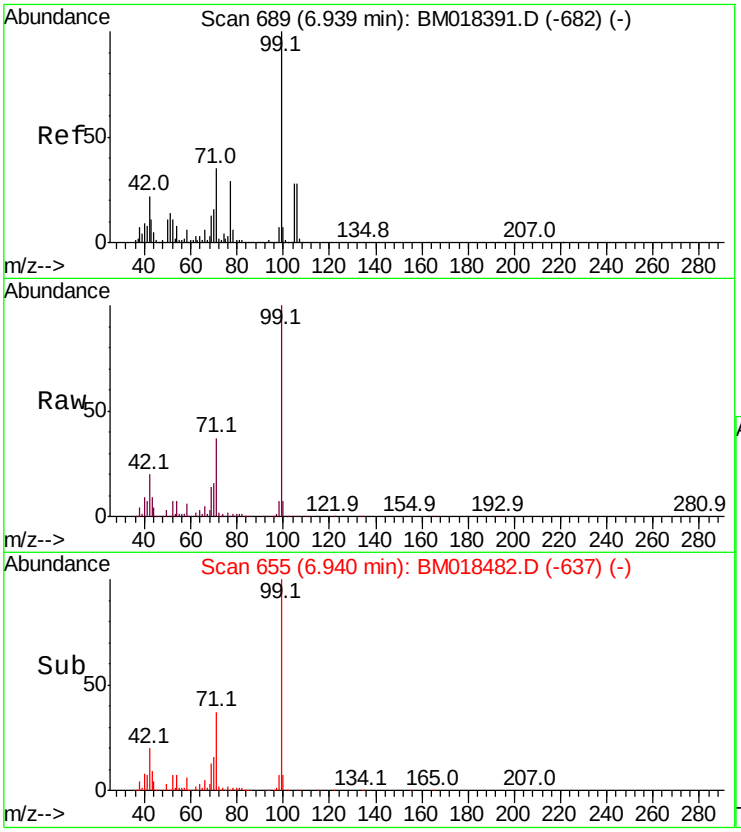


#5
2-Fluorophenol
Concen: 101.811 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.00 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion:112 Resp: 3467736

Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.5	69.7
63	30.7	25.2	37.8



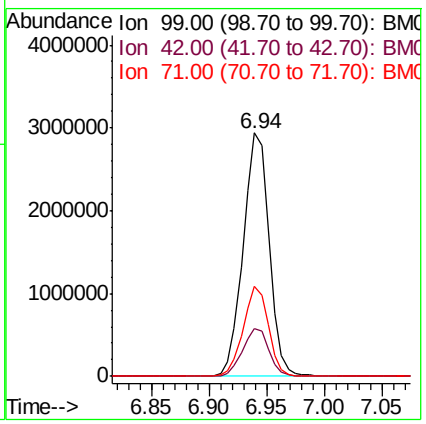


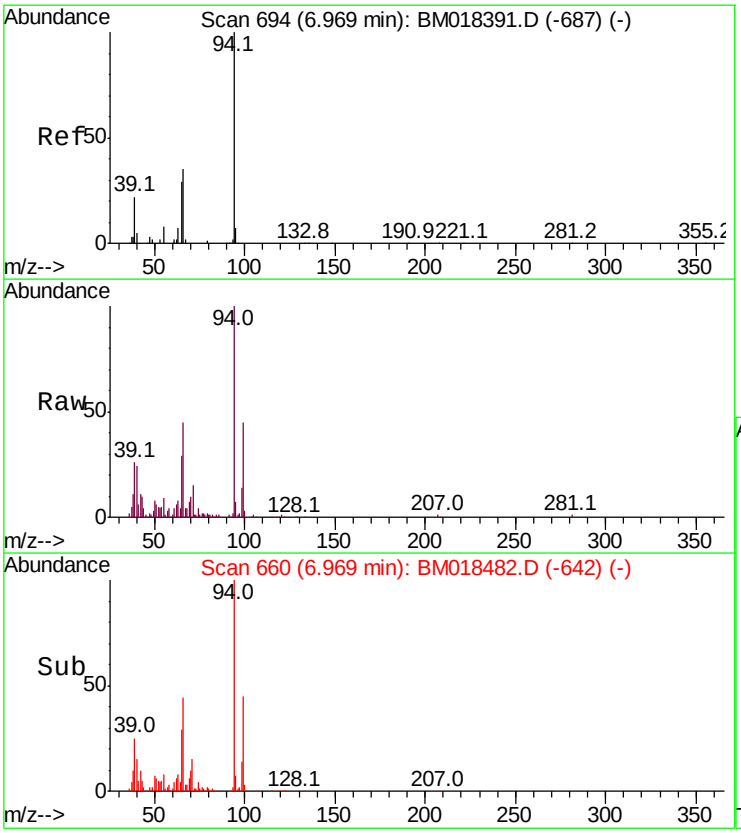
#7
Phenol-d6
Concen: 106.232 ng
RT: 6.94 min Scan# 655
Delta R.T. 0.01 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tgt Ion: 99 Resp: 4595701

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.3	25.9
71	36.8	28.0	42.0

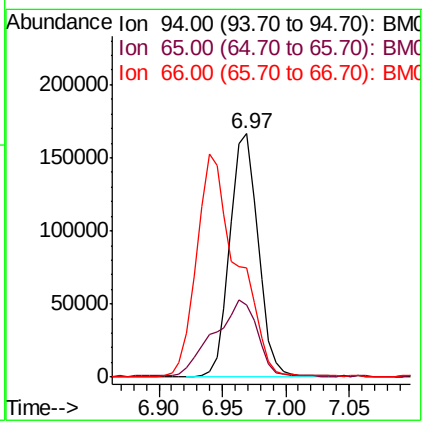


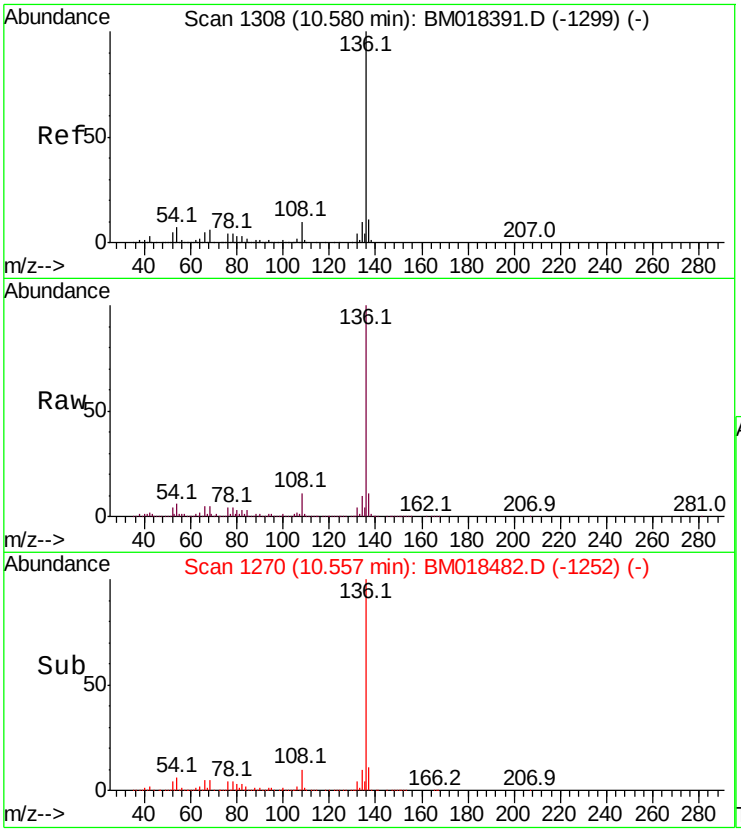


#10
Phenol
Concen: 5.866 ng
RT: 6.97 min Scan# 660
Delta R.T. 0.01 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion: 94 Resp: 257882

Ion	Ratio	Lower	Upper
94	100		
65	29.5	9.4	49.4
66	44.6	19.1	59.1



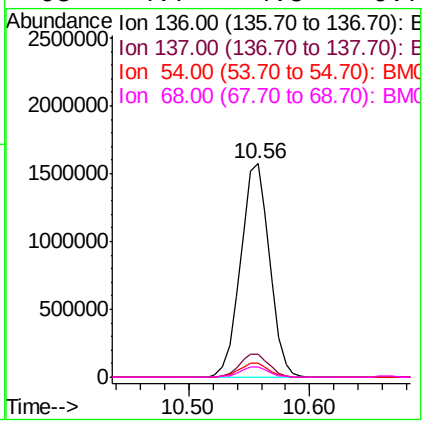


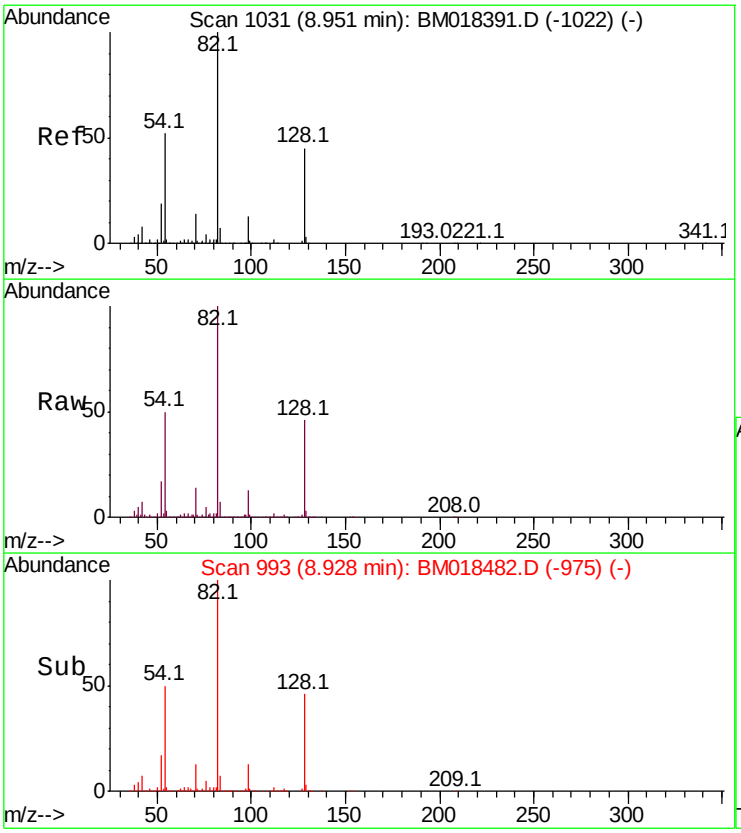
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tgt Ion:136 Resp: 2634906

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.4	6.0	9.0
68	4.7	4.5	6.7

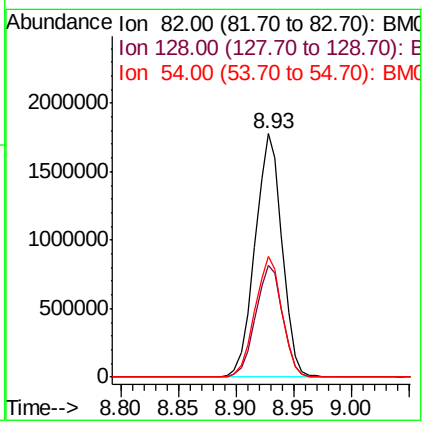


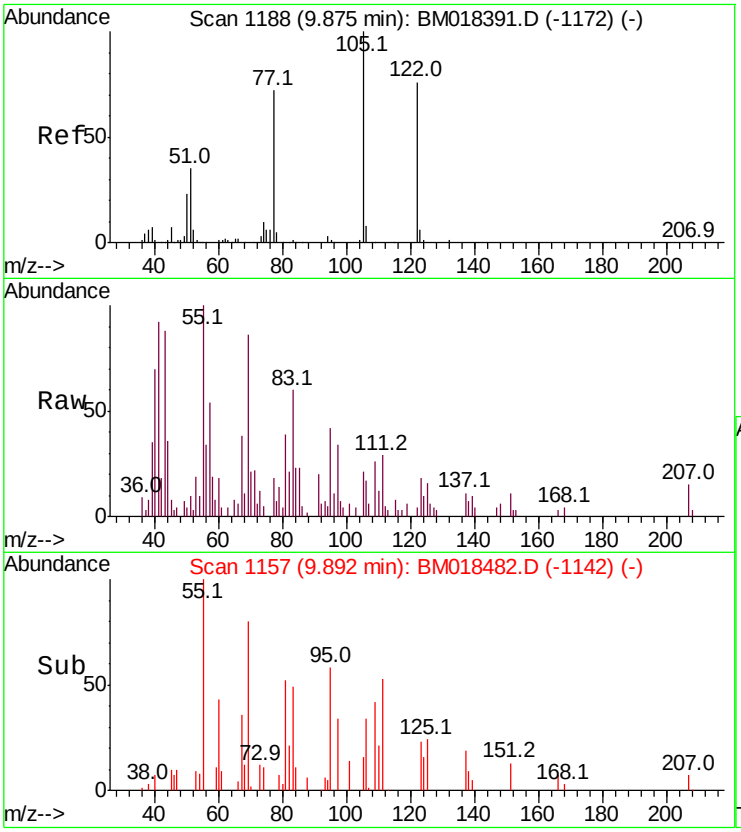


#23
Nitrobenzene-d5
Concen: 63.642 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion: 82 Resp: 2892646

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.3	54.5
54	49.6	41.7	62.5



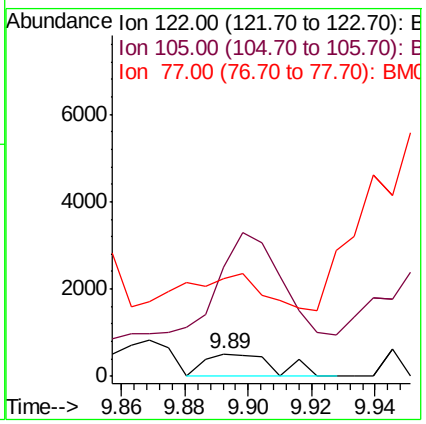


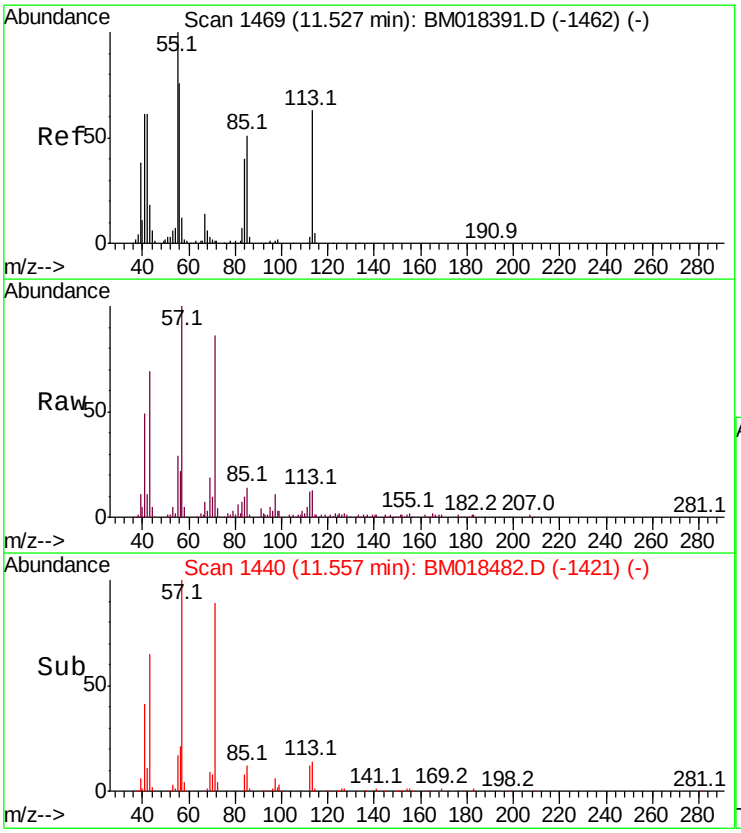
#32
Benzoic acid
Concen: 6.533 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tgt Ion:122 Resp: 776

Ion	Ratio	Lower	Upper
122	100		
105	489.8	100.4	140.4#
77	436.4	71.7	111.7#

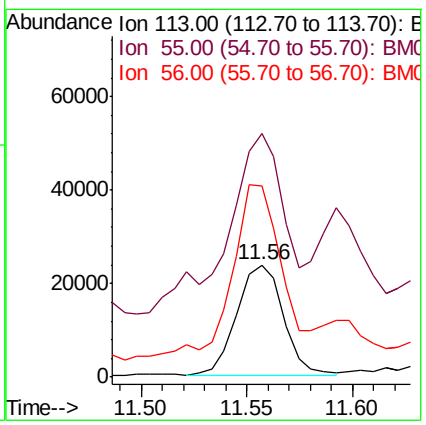


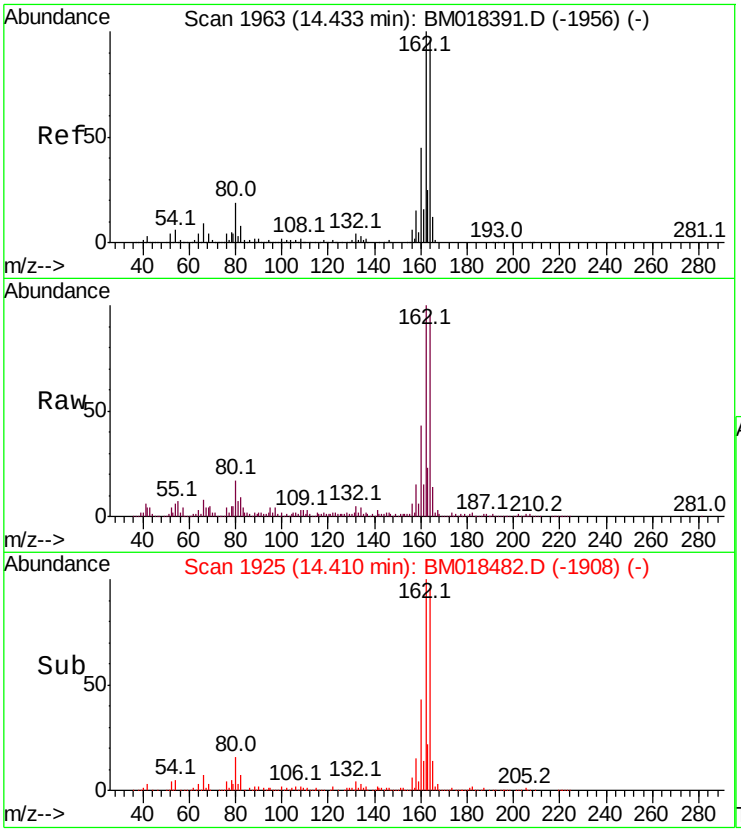


#35
Caprolactam
Concen: 2.730 ng
RT: 11.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion:113 Resp: 35829

Ion	Ratio	Lower	Upper
113	100		
55	217.3	139.3	179.3#
56	170.2	101.4	141.4#



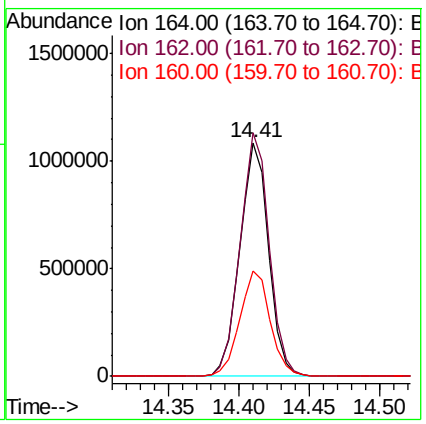


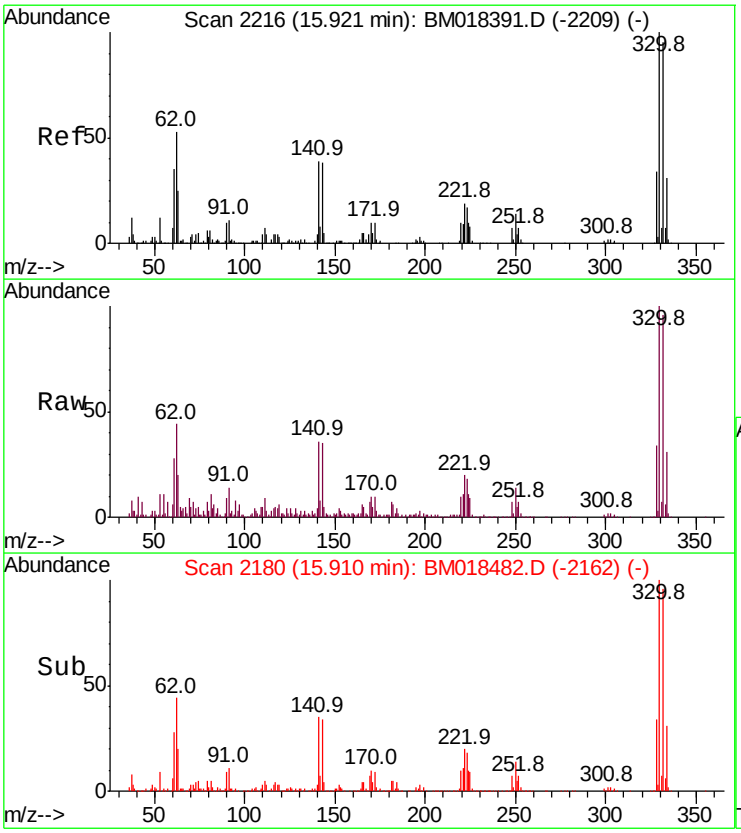
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tgt Ion:164 Resp: 1536464

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.0	124.4
160	45.3	37.1	55.7

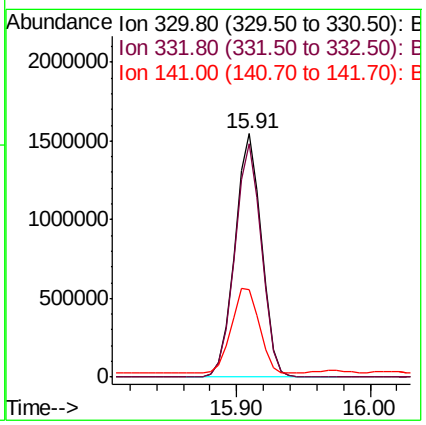


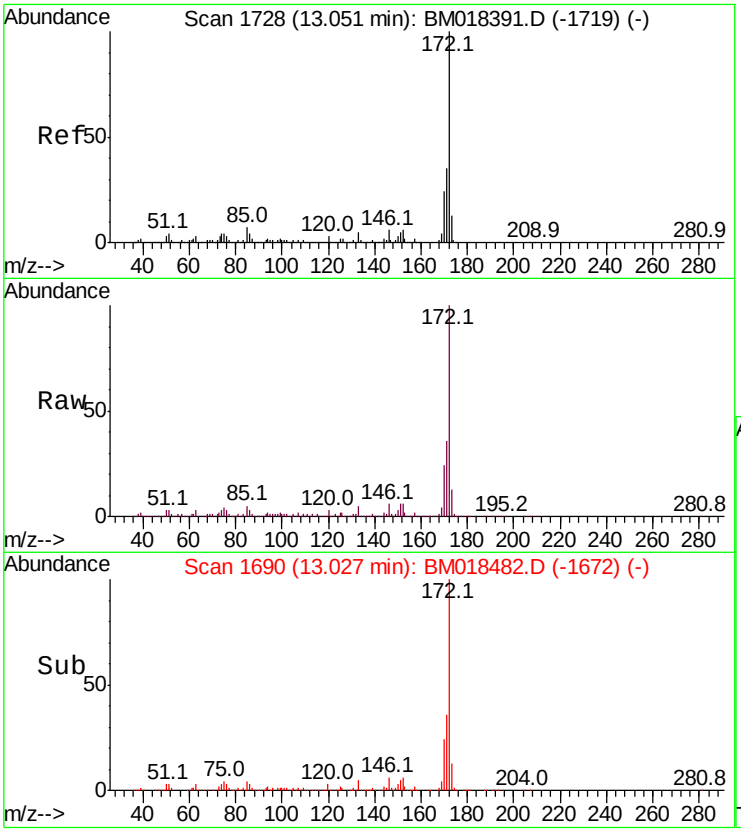


#42
2,4,6-Tribromophenol
Concen: 109.046 ng
RT: 15.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion:330 Resp: 2133326

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.6	116.4
141	36.9	31.7	47.5



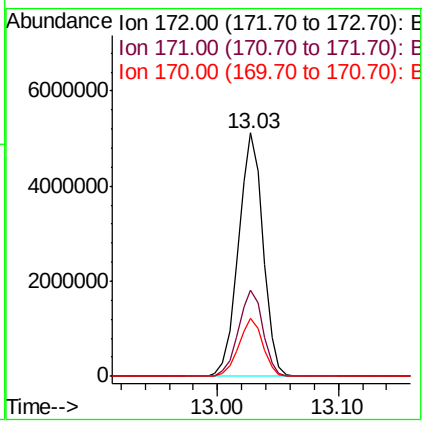


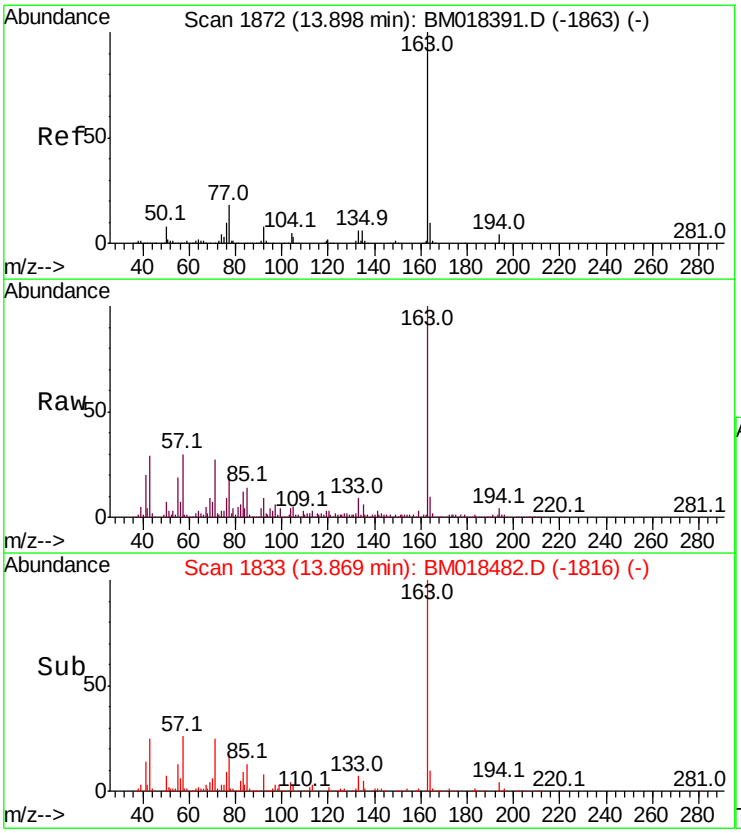
#45
2-Fluorobiphenyl
Concen: 61.654 ng
RT: 13.03 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tgt Ion:172 Resp: 7259744

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	23.6	18.9	28.3

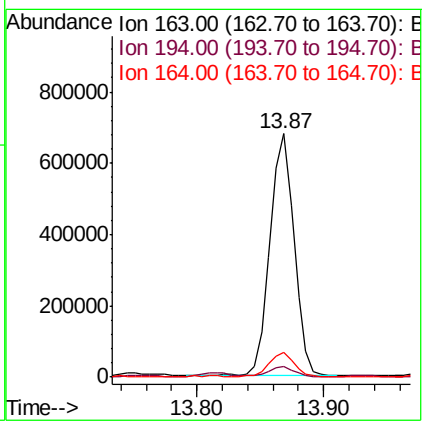


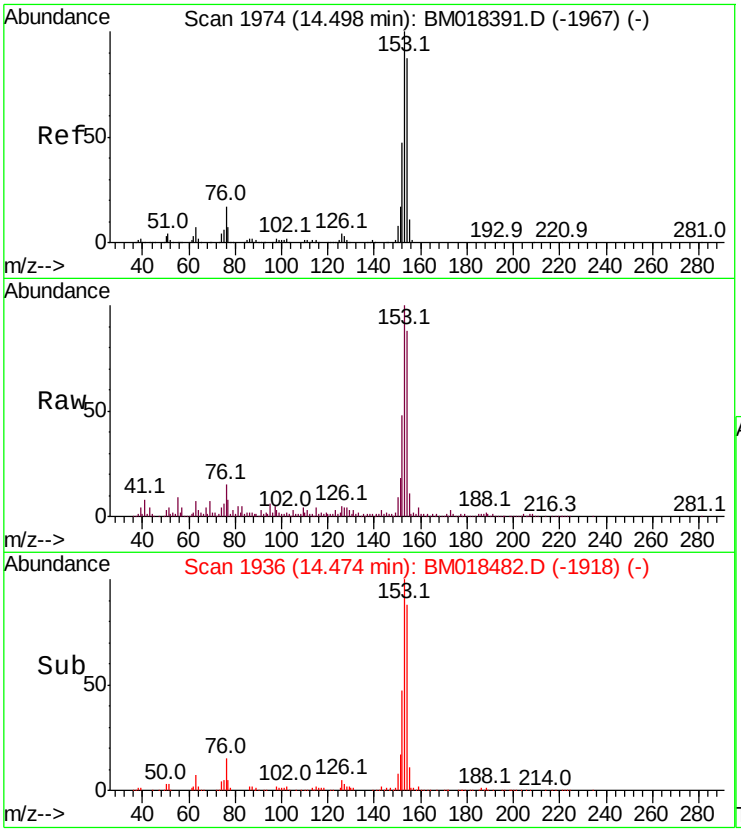


#50
Dimethylphthalate
Concen: 7.054 ng
RT: 13.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion:163 Resp: 890168

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	10.1	7.8	11.8



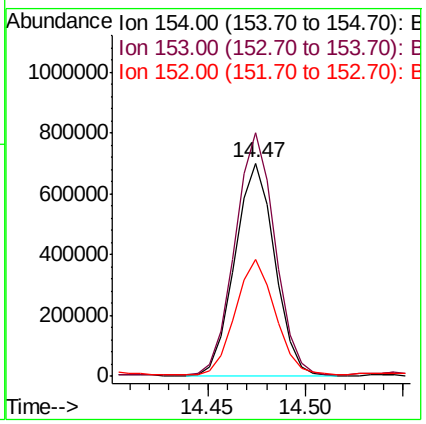


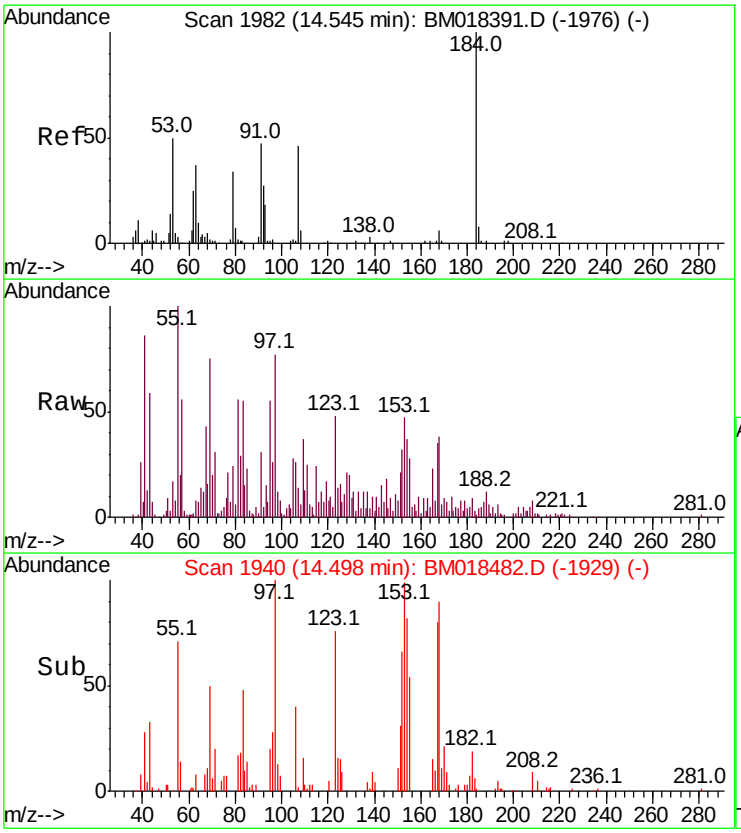
#52
Acenaphthene
Concen: 10.687 ng
RT: 14.47 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tgt Ion:154 Resp: 991350

Ion	Ratio	Lower	Upper
154	100		
153	114.1	92.3	138.5
152	54.7	43.8	65.6

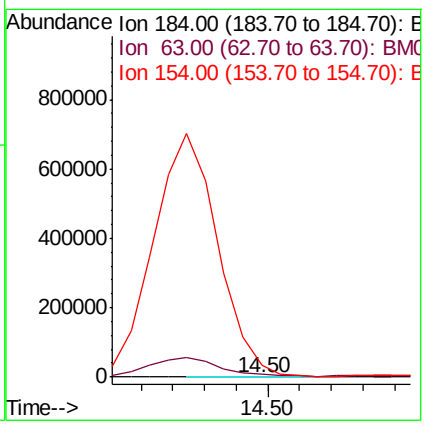


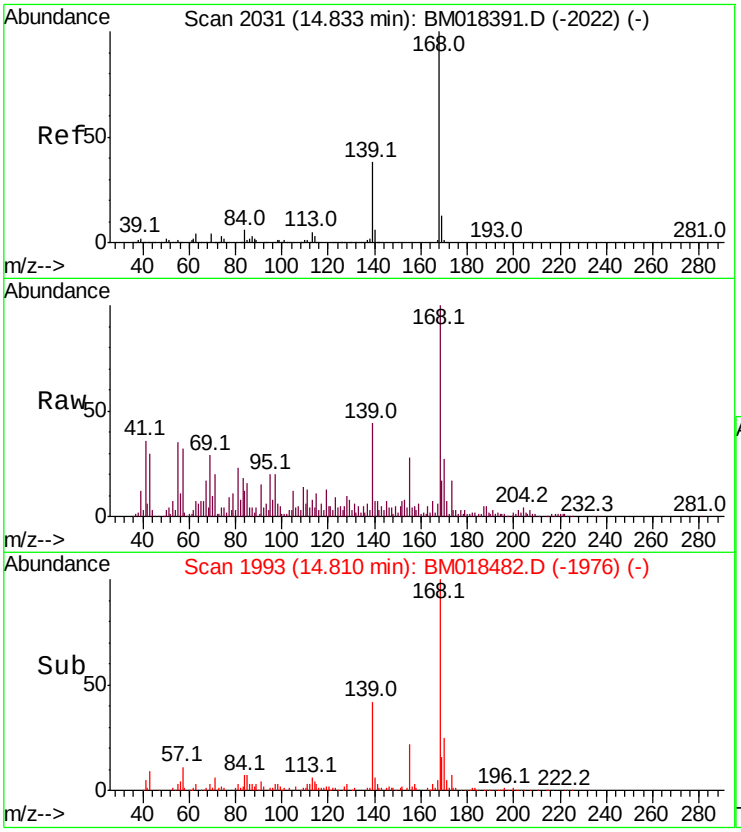


#54
2,4-Dinitrophenol
Concen: 7.255 ng
RT: 14.50 min Scan# 1940
Delta R.T. -0.04 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion:184 Resp: 846

Ion	Ratio	Lower	Upper
184	100		
63	784.7	55.9	83.9#
154	3656.6	54.2	81.4#



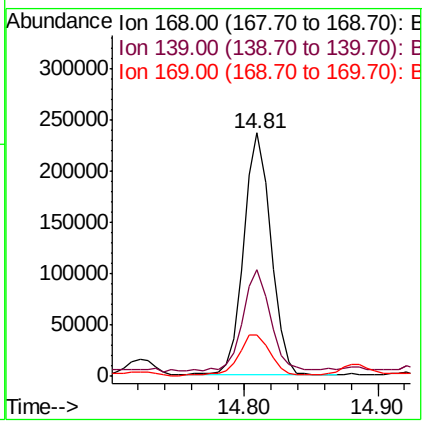


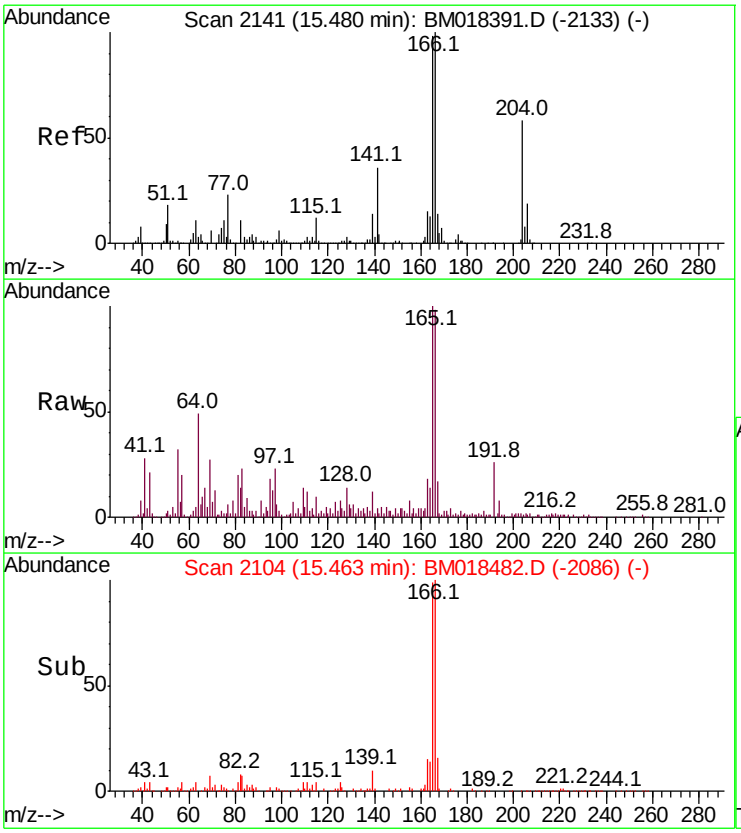
#55
Dibenzofuran
Concen: 2.152 ng
RT: 14.81 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tgt Ion:168 Resp: 329804

Ion	Ratio	Lower	Upper
168	100		
139	43.7	30.3	45.5
169	17.0	10.6	16.0#

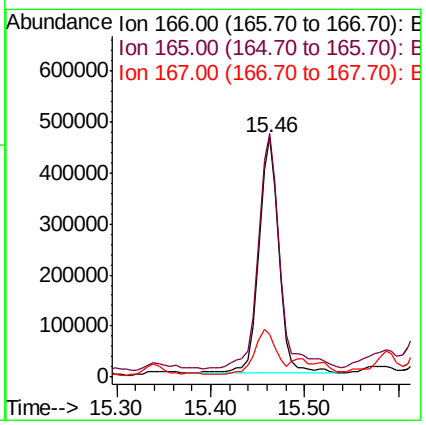


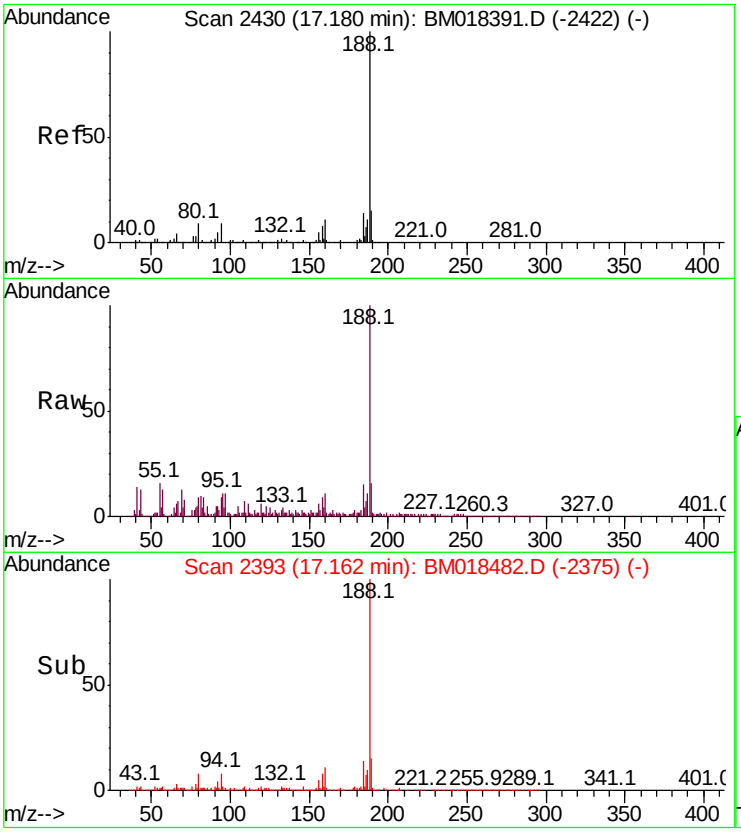


#58
Fluorene
Concen: 6.005 ng
RT: 15.46 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion:166 Resp: 685663

Ion	Ratio	Lower	Upper
166	100		
165	101.6	78.3	117.5
167	17.6	10.9	16.3#



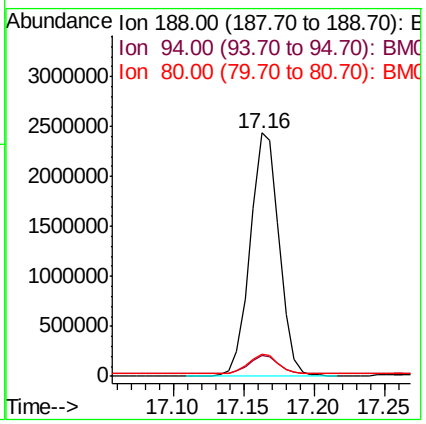


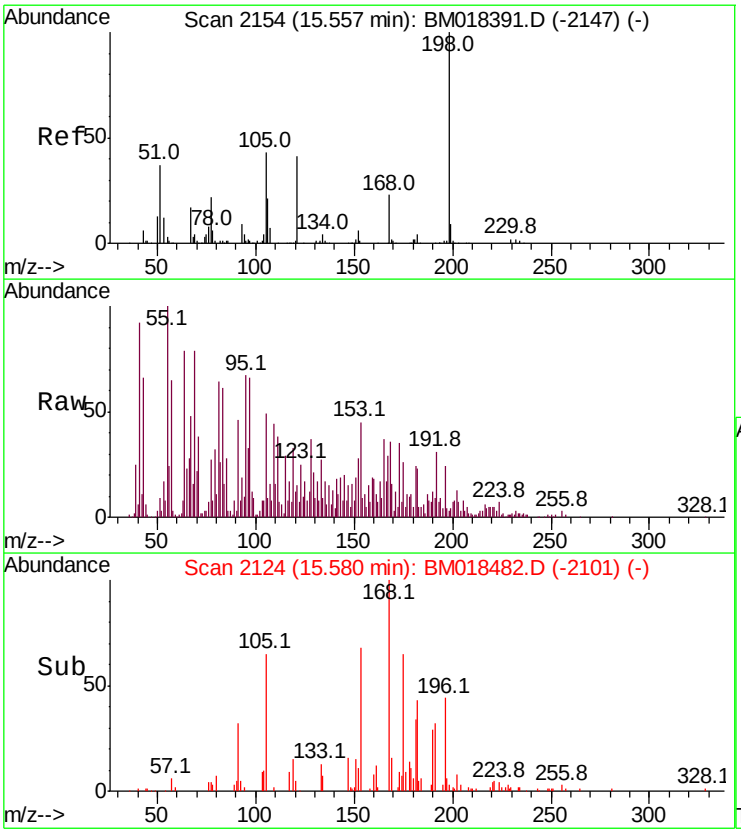
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tgt Ion:188 Resp: 3483180

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.1	10.7
80	9.3	7.6	11.4

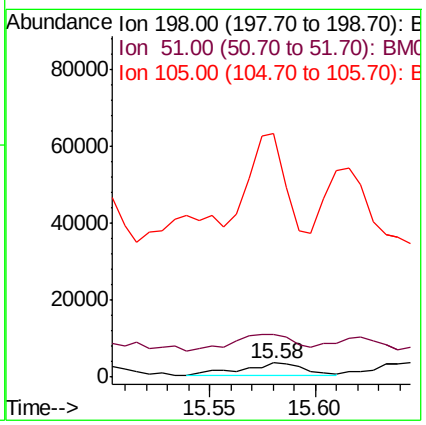


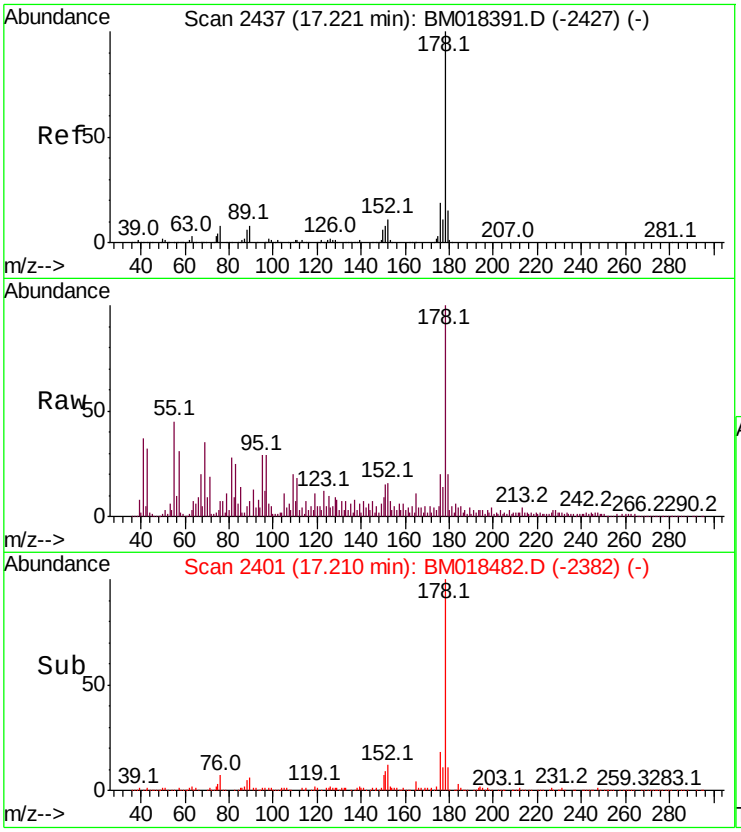


#65
4,6-Dinitro-2-methylphenol
Concen: 5.664 ng
RT: 15.58 min Scan# 2124
Delta R.T. 0.04 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion:198 Resp: 6766

Ion	Ratio	Lower	Upper
198	100		
51	309.3	29.6	69.6#
105	1755.7	25.5	65.5#



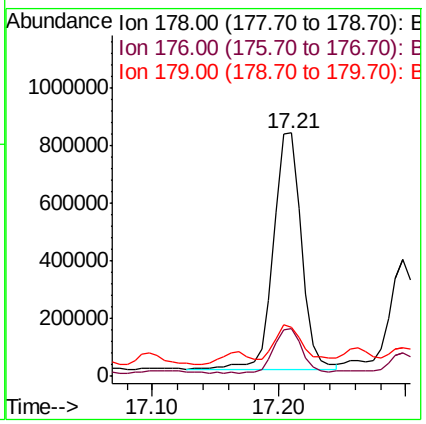


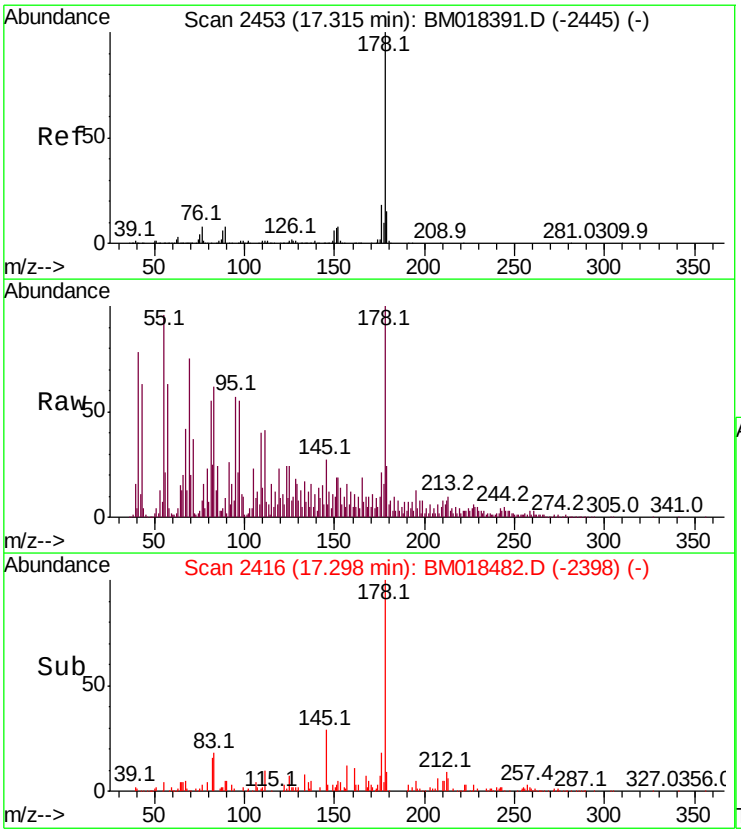
#71
Phenanthrene
Concen: 6.726 ng
RT: 17.21 min Scan# 2401
Delta R.T. 0.01 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tgt Ion:178 Resp: 1246086

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	20.2	12.2	18.4#

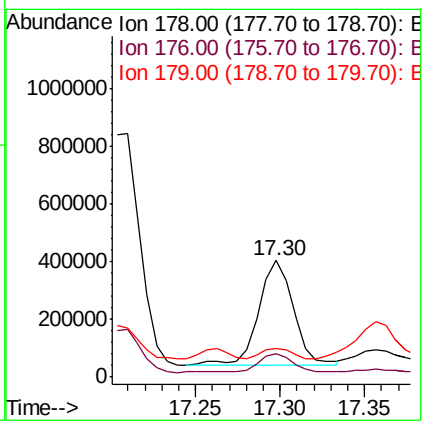


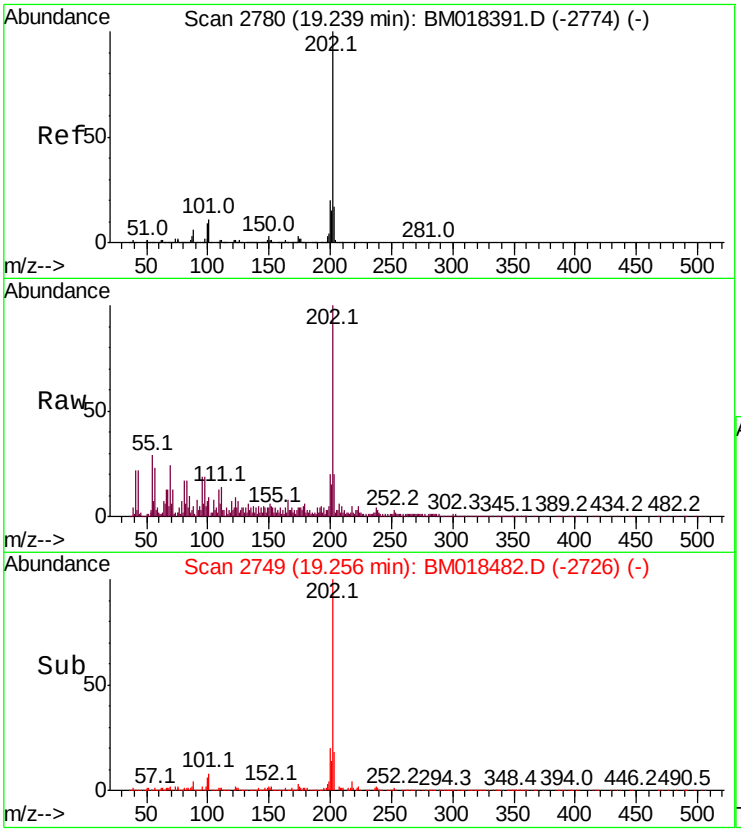


#72
Anthracene
Concen: 3.004 ng
RT: 17.30 min Scan# 2416
Delta R.T. 0.01 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion:178 Resp: 535095

Ion	Ratio	Lower	Upper
178	100		
176	20.5	14.7	22.1
179	24.2	12.2	18.4#



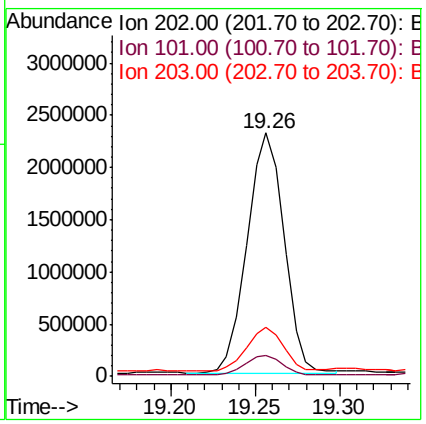


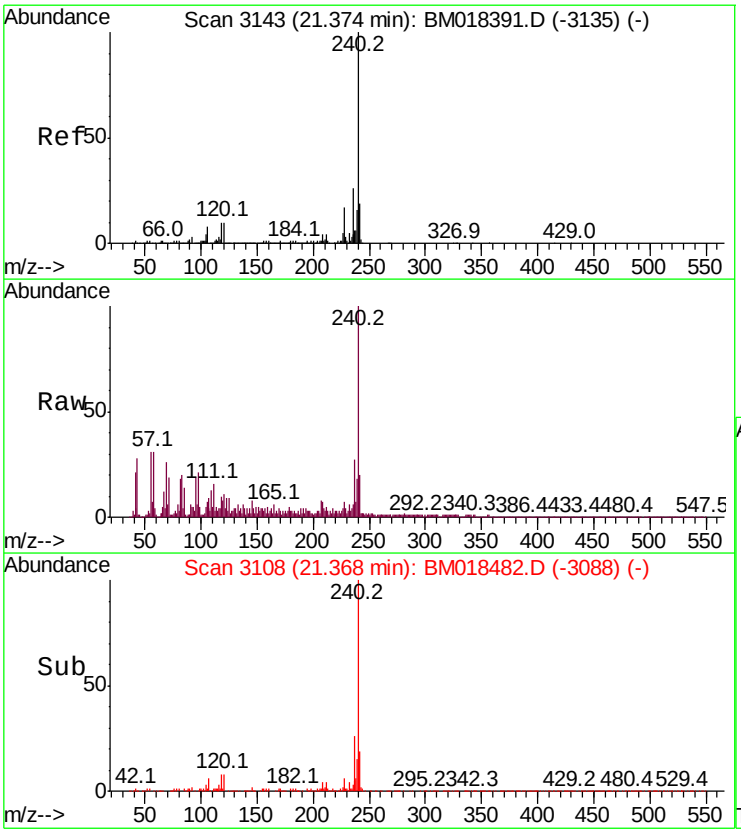
#75
Fluoranthene
Concen: 16.415 ng
RT: 19.26 min Scan# 2749
Delta R.T. 0.04 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tgt Ion:202 Resp: 3506308

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	30.9
203	19.9	0.0	37.4

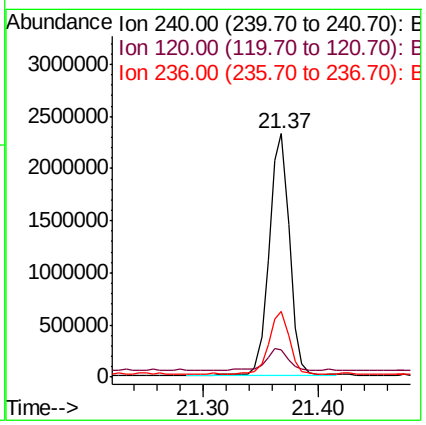


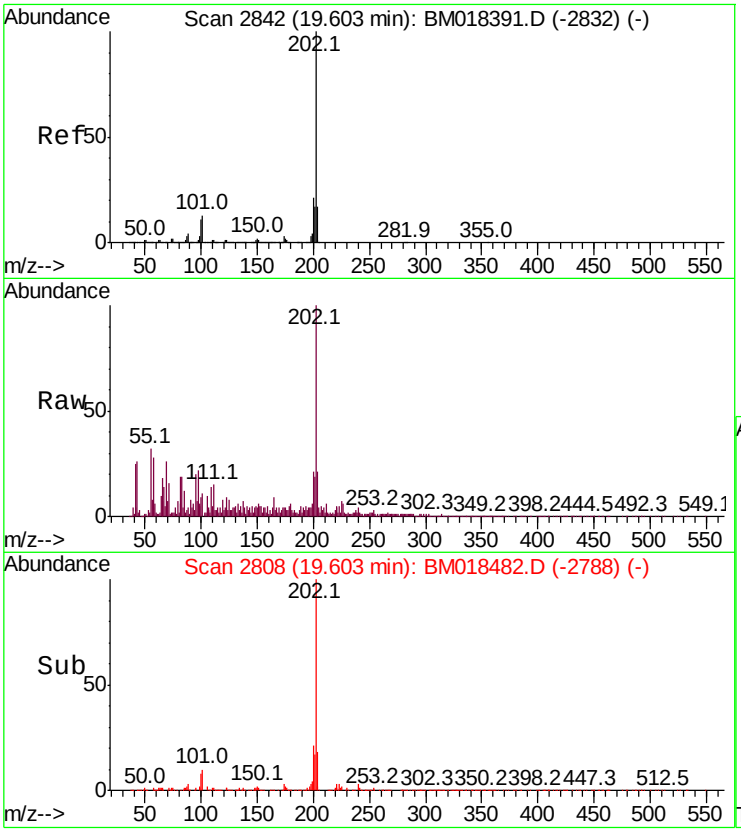


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3108
Delta R.T. 0.02 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion:240 Resp: 2836536

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.4	12.6
236	26.9	20.7	31.1



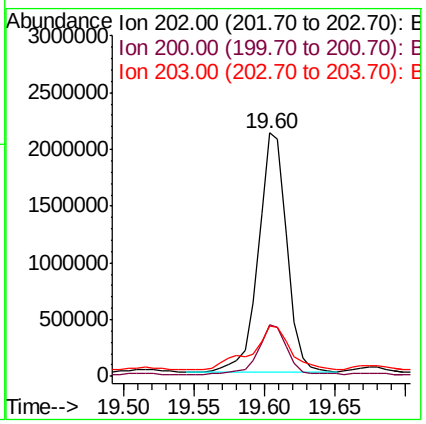


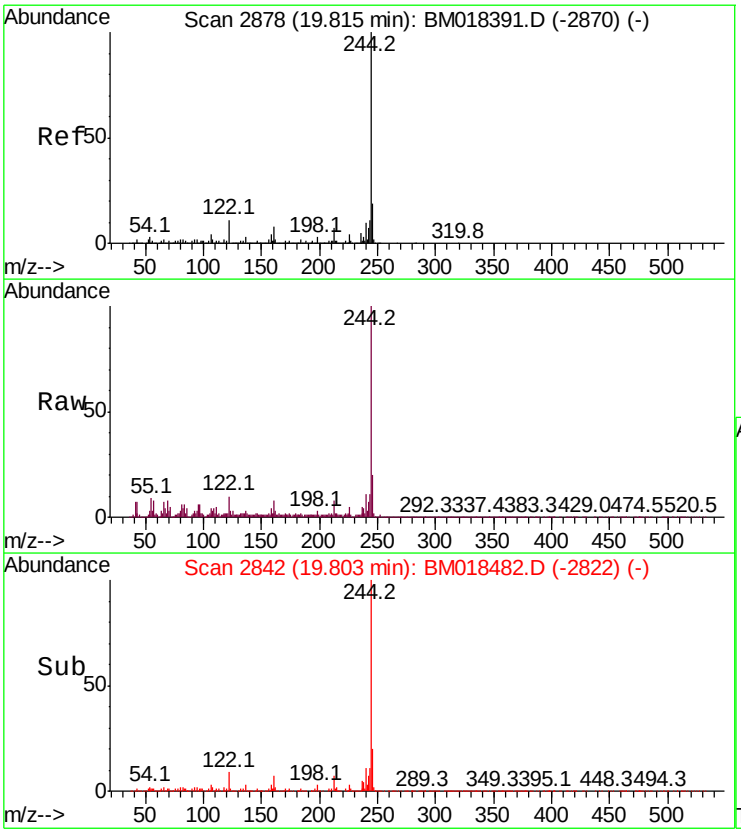
#78
Pyrene
Concen: 17.749 ng
RT: 19.60 min Scan# 2808
Delta R.T. 0.02 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tgt Ion:202 Resp: 2984263

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	20.6	13.8	20.8

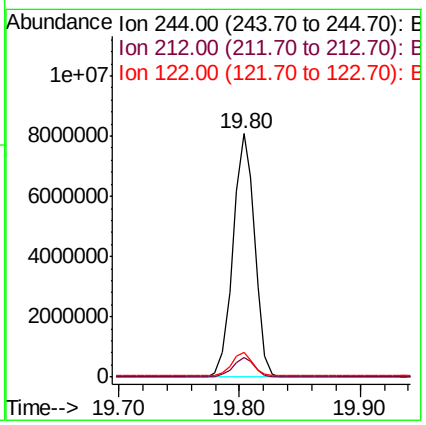


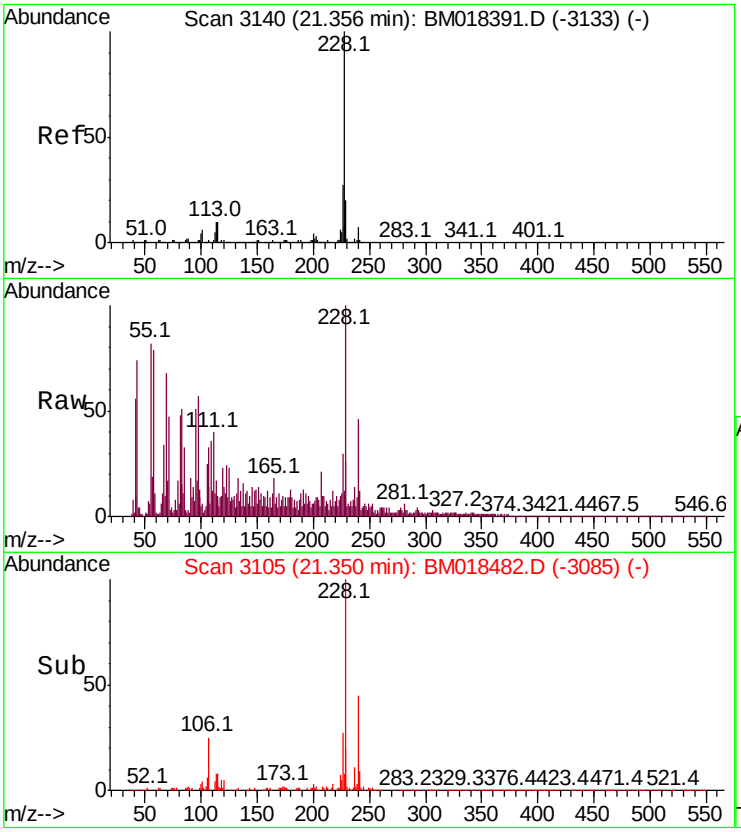


#79
Terphenyl-d14
Concen: 74.705 ng
RT: 19.80 min Scan# 2842
Delta R.T. 0.02 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion:244 Resp:10052184

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	10.0	9.0	13.4



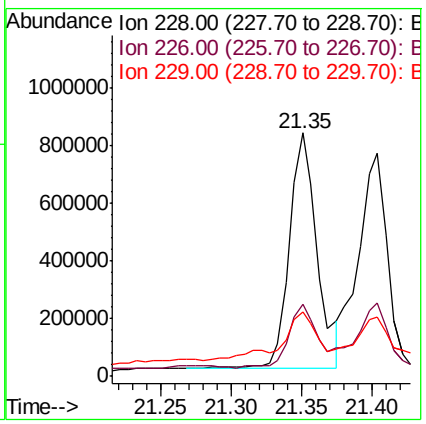


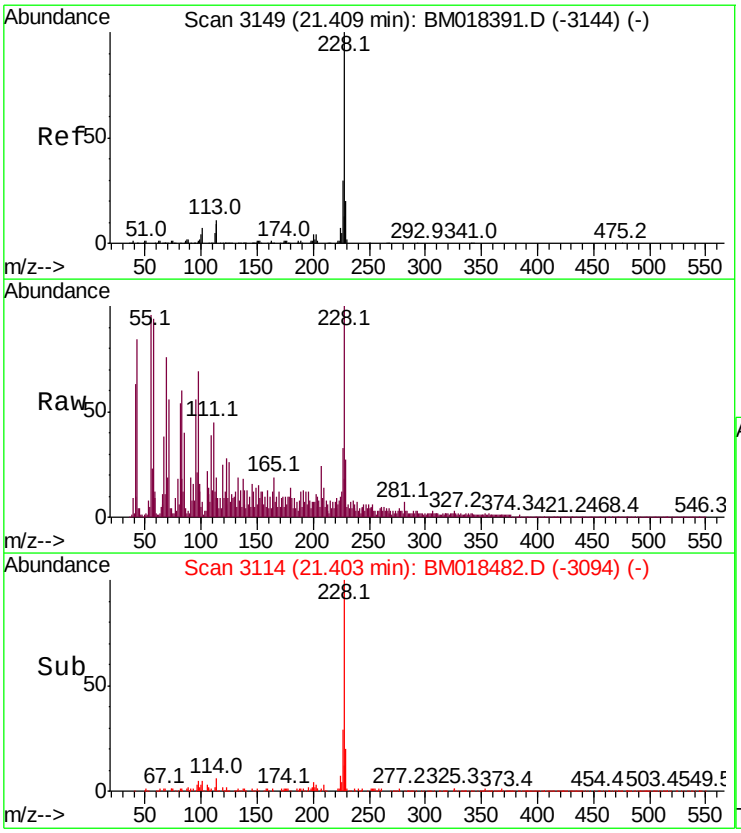
#81
Benzo(a)anthracene
Concen: 6.629 ng
RT: 21.35 min Scan# 3105
Delta R.T. 0.02 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tgt Ion:228 Resp: 1107727

Ion	Ratio	Lower	Upper
228	100		
226	29.9	21.8	32.6
229	26.2	15.8	23.8#

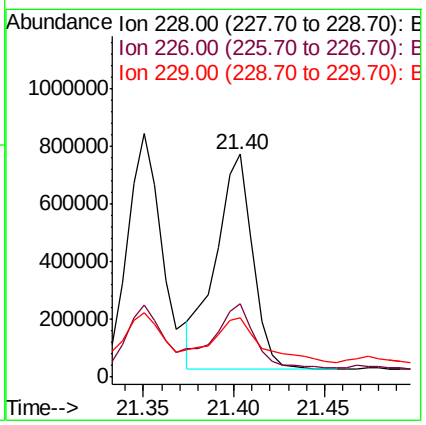


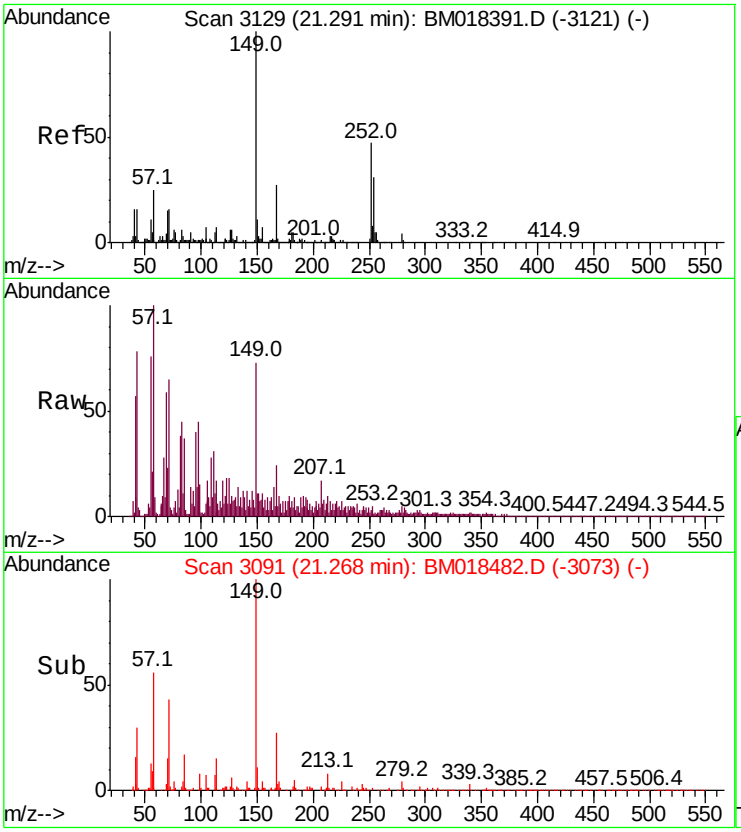


#83
Chrysene
Concen: 6.641 ng
RT: 21.40 min Scan# 3114
Delta R.T. 0.02 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion:228 Resp: 1071601

Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.2	36.2
229	26.9	15.6	23.4#



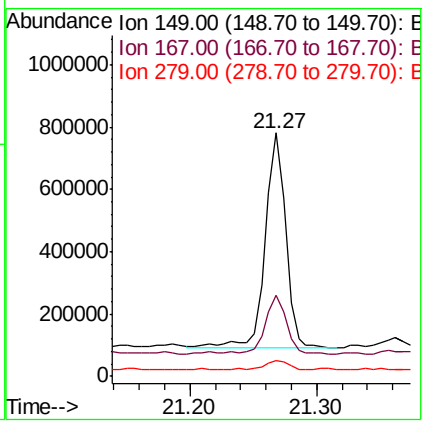


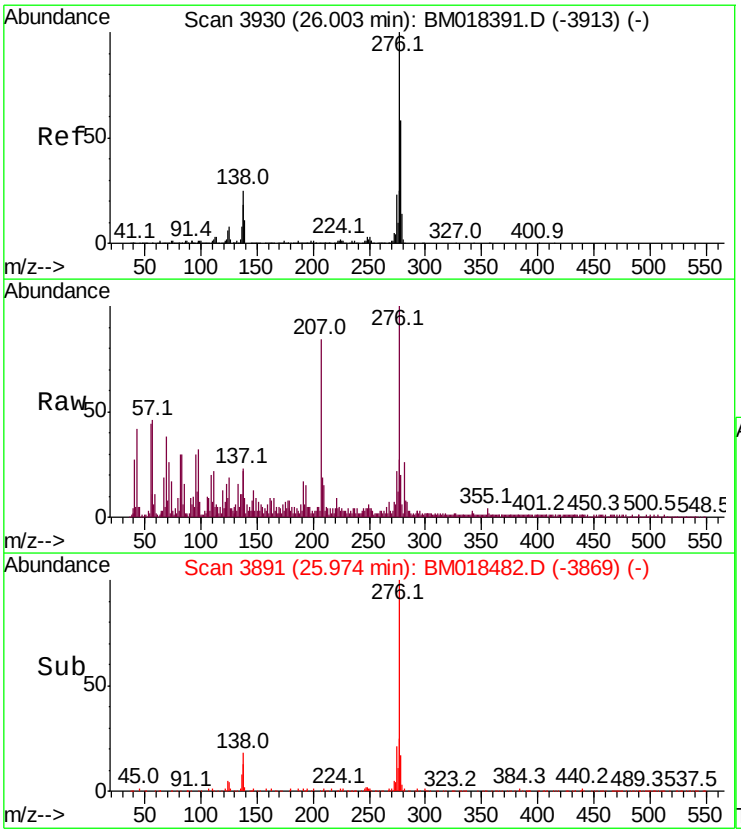
#84
Bis(2-ethylhexyl)phthalate
Concen: 7.533 ng
RT: 21.27 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tgt Ion:149 Resp: 780386

Ion	Ratio	Lower	Upper
149	100		
167	33.4	21.6	32.4#
279	6.6	3.3	4.9#

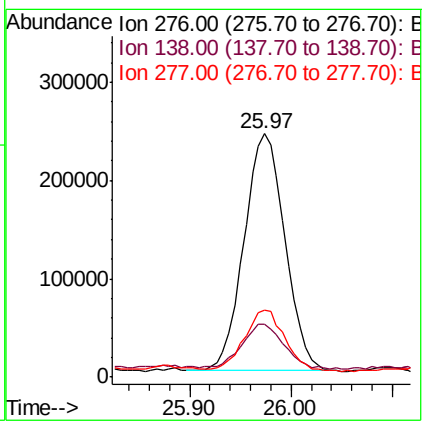


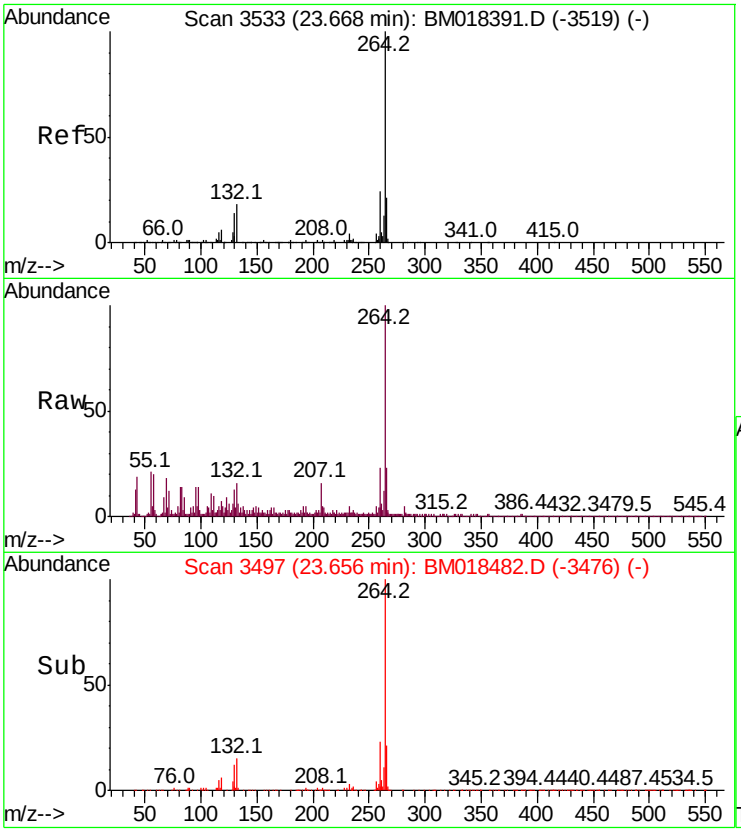


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.617 ng
RT: 25.97 min Scan# 3891
Delta R.T. 0.03 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion:276 Resp: 672949

Ion	Ratio	Lower	Upper
276	100		
138	19.3	21.5	32.3#
277	25.0	20.2	30.2



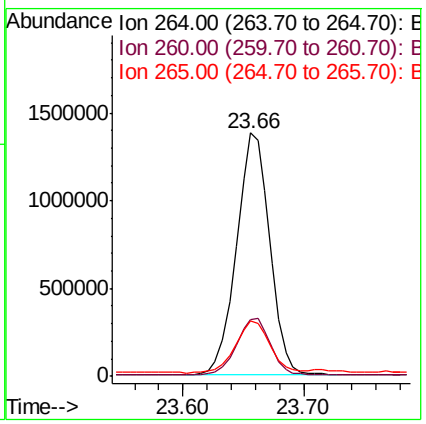


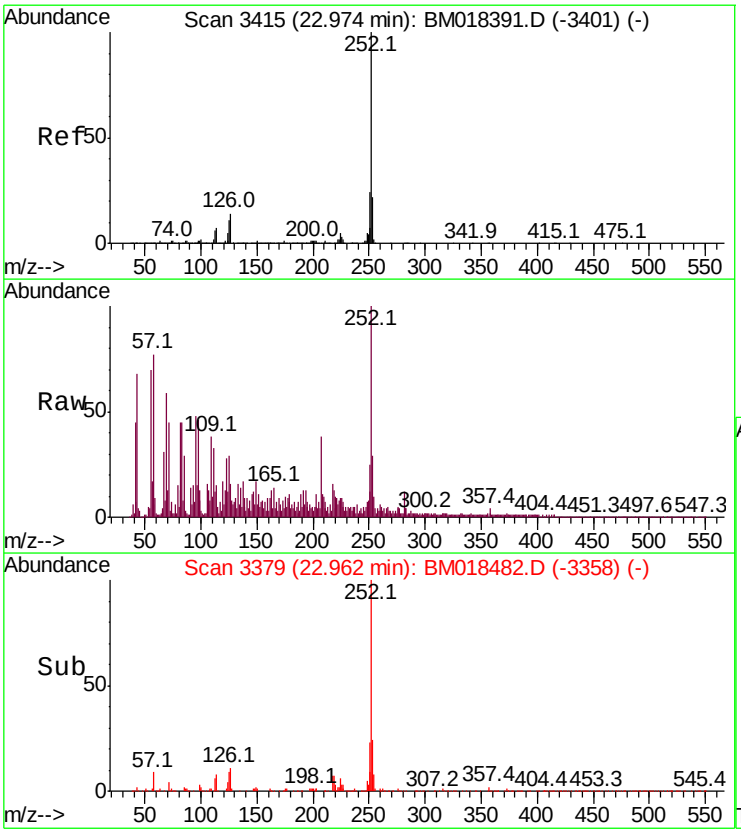
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3497
Delta R.T. 0.02 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tgt Ion:264 Resp: 2642178

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	22.7	16.8	25.2

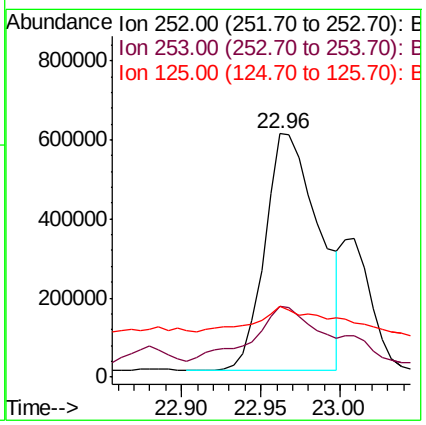


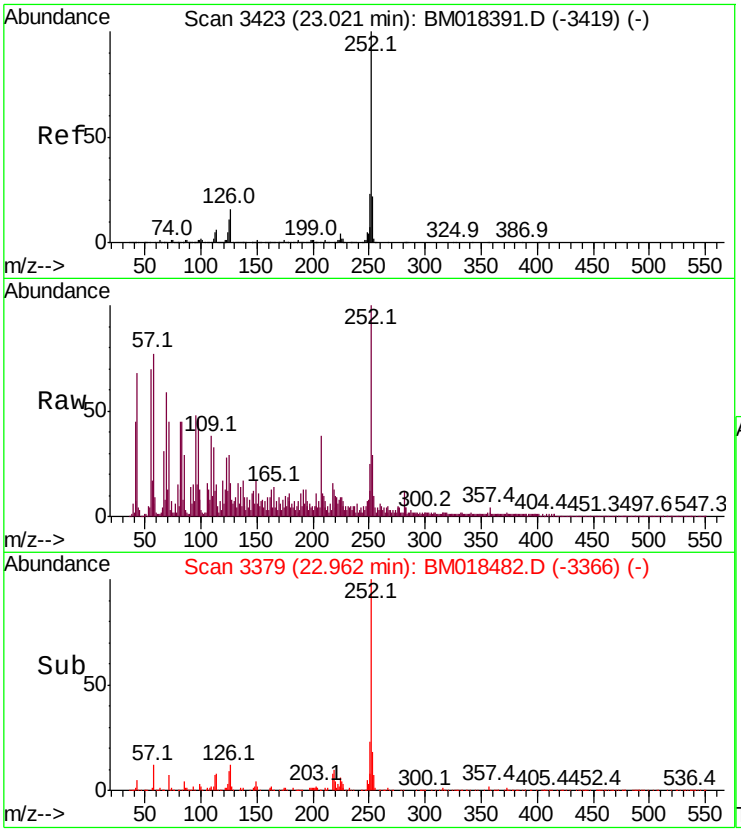


#88
Benzo(b)fluoranthene
Concen: 9.502 ng
RT: 22.96 min Scan# 3379
Delta R.T. 0.02 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion:252 Resp: 1425393

Ion	Ratio	Lower	Upper
252	100		
253	29.0	17.6	26.4#
125	29.0	8.5	12.7#



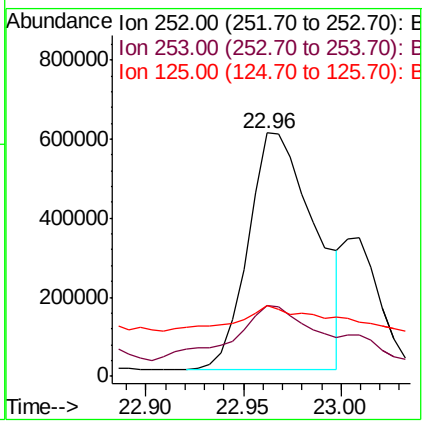


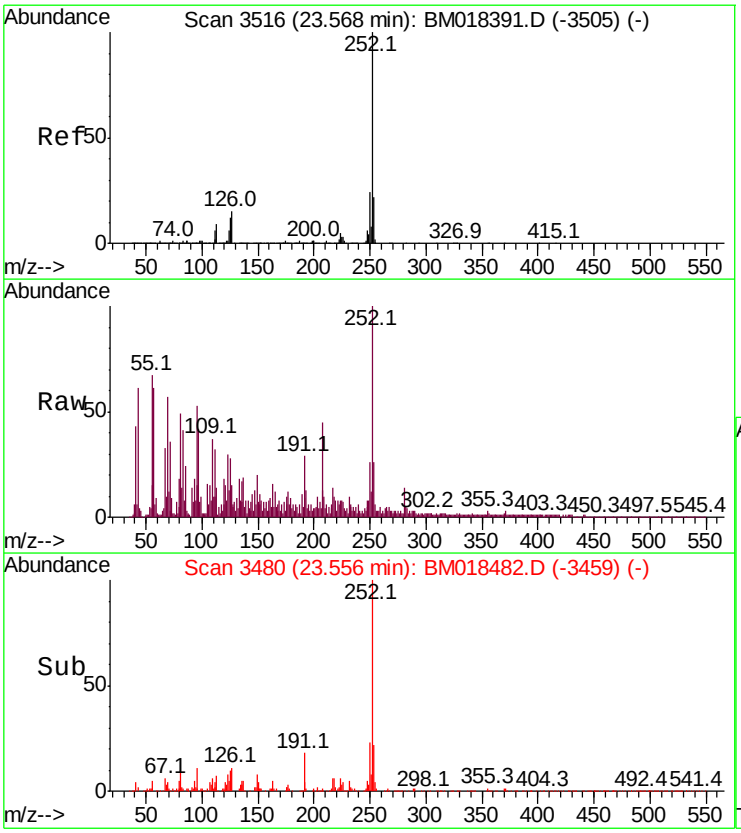
#89
Benzo(k)fluoranthene
Concen: 9.425 ng
RT: 22.96 min Scan# 3379
Delta R.T. -0.02 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tgt Ion:252 Resp: 1424844

Ion	Ratio	Lower	Upper
252	100		
253	29.0	17.4	26.0#
125	29.0	8.6	12.8#

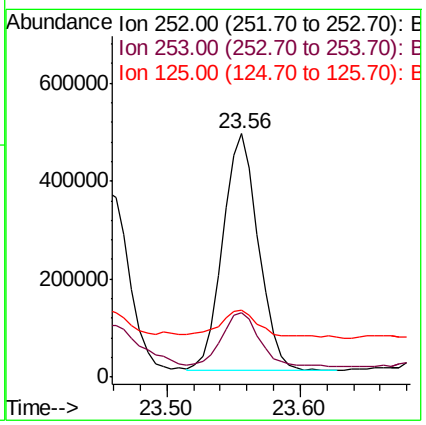


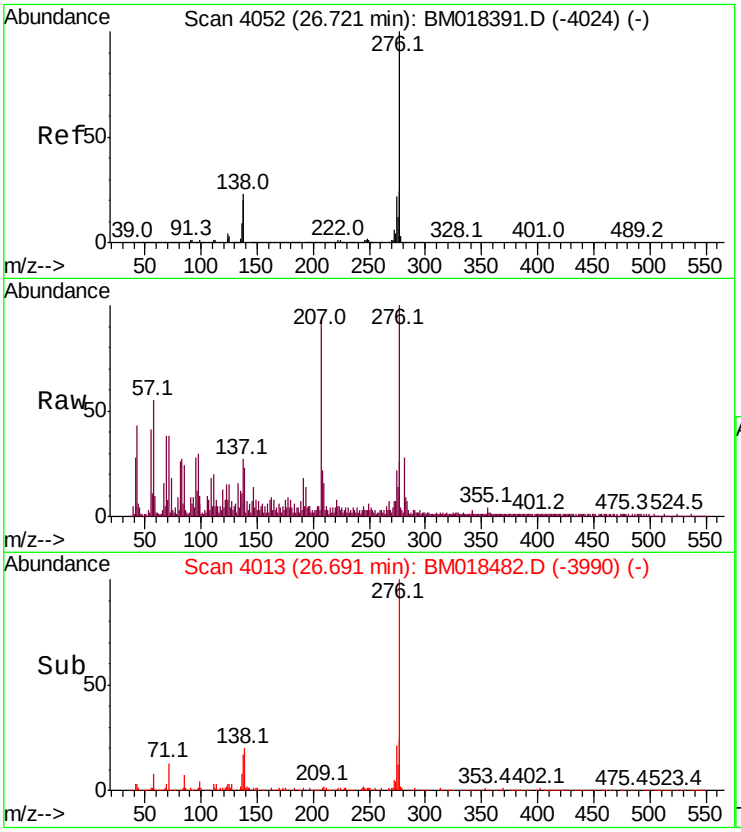


#90
Benzo(a)pyrene
Concen: 6.281 ng
RT: 23.56 min Scan# 3480
Delta R.T. 0.02 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion:252 Resp: 902031

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.5	26.3#
125	27.5	9.7	14.5#





#92
Benzo(g,h,i)perylene
Concen: 4.721 ng
RT: 26.69 min Scan# 4013
Delta R.T. 0.04 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tgt Ion:276 Resp: 668451

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.0	28.4
138	23.0	18.1	27.1