Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021319\
Data File : BM018816.D
Acq On : 13 Feb 2019 23:52
Operator : JU/SJ
Sample : PB117091TB
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB117091TB

Quant Time: Feb 14 00:54:21 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	7.71	152	299373	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1183979	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	647167	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1456089	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1130746	20.00	ng	0.00
87) Perylene-d12	23.56	264	935854	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2221863	121.60	ng	0.00
7) Phenol-d6	6.89	99	2974496	115.56	ng	0.00
23) Nitrobenzene-d5	8.88	82	1906063	74.44	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	952296	102.08	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	3779955	77.53	ng	0.00
79) Terphenyl-d14	19.74	244	5308981	96.86	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	185	0.023	ng	# 1
3) Pyridine	3.65	79	108	0.005	ng	# 1
4) n-Nitrosodimethylamine	3.55	42	135	0.024	ng	# 1
8) 2-Chlorophenol	7.28	128	598	0.030	ng	# 1
9) Benzaldehyde	6.89	77	5992	Below Cal		# 7
10) Phenol	6.89	94	259	0.010	ng	# 1
15) Benzyl Alcohol	8.02	79	28447	1.391	ng	# 51
16) 2,2'-oxybis(1-Chloropropan	8.29	45	106	0.005	ng	# 1
24) Nitrobenzene	8.93	77	283	0.011	ng	# 44
25) Isophorone	9.45	82	383	0.009	ng	# 68
46) 1,1'-Biphenyl	13.20	154	5941	0.107	ng	84
52) Acenaphthene	14.36	154	2404	0.061	ng	# 4
63) Azobenzene	15.72	77	142	0.002	ng	# 57
71) Phenanthrene	17.16	178	246	0.003	ng	# 60
74) Di-n-butylphthalate	18.09	149	1211	0.013	ng	# 78
75) Fluoranthene	19.19	202	246	0.003	ng	64
78) Pyrene	19.55	202	120	0.002	ng	# 57
80) Butylbenzylphthalate	20.44	149	1302	0.044	ng	# 77
81) Benzo(a)anthracene	21.30	228	3288	0.050	ng	# 57
82) 3,3'-Dichlorobenzidine	21.23	252	113	0.004	ng	# 26
83) Chrysene	21.33	228	753	0.012	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.20	149	729	0.017	ng	# 53
85) Di-n-octyl phthalate	22.07	149	268	0.004	ng	# 1
88) Benzo(b)fluoranthene	22.89	252	521	0.010	ng	# 1
89) Benzo(k)fluoranthene	22.95	252	261	0.005	ng	# 1
90) Benzo(a)pyrene	23.46	252	377	0.007	ng	# 1

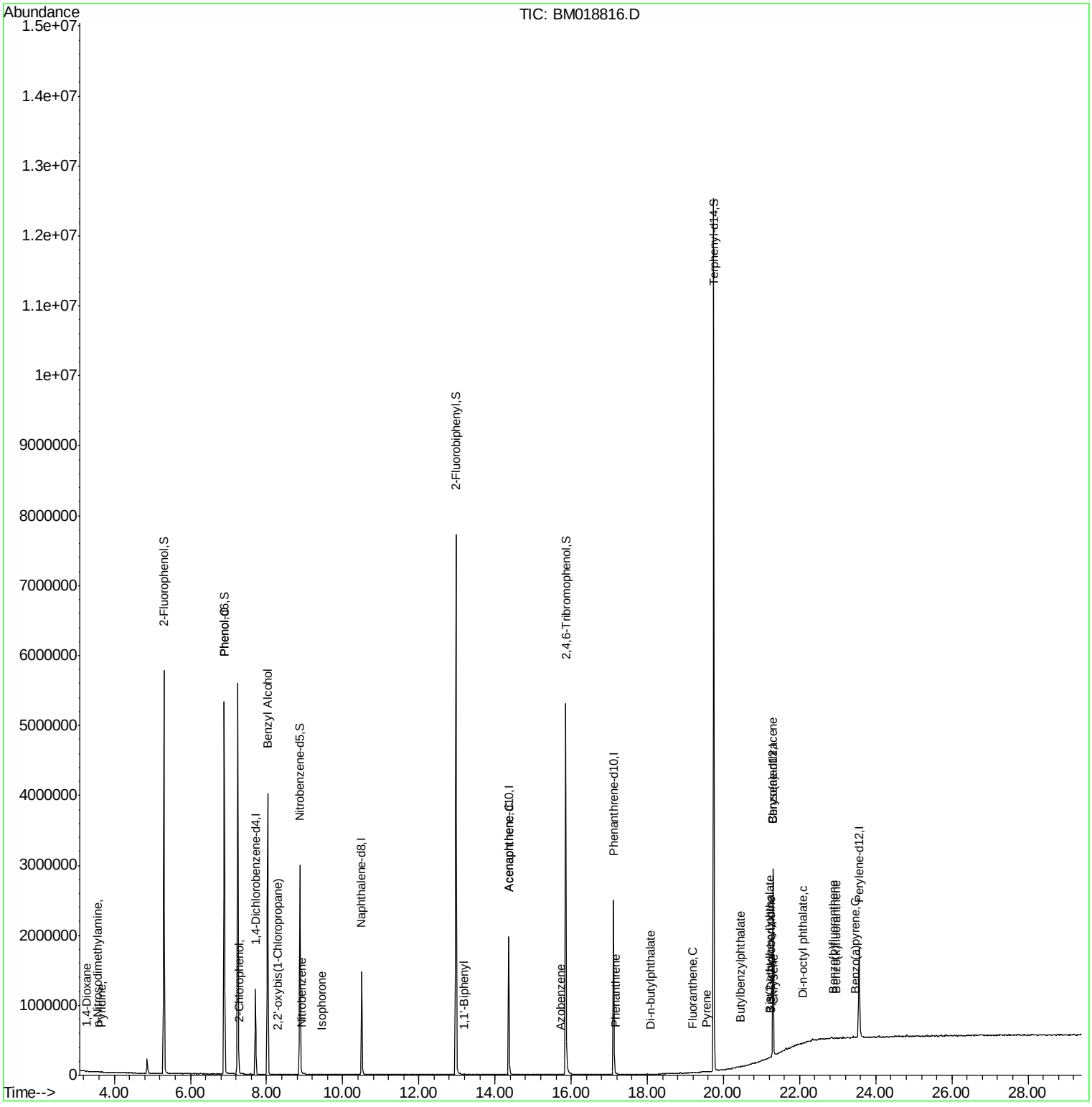
(#) = qualifier out of range (m) = manual integration (+) = signals summed

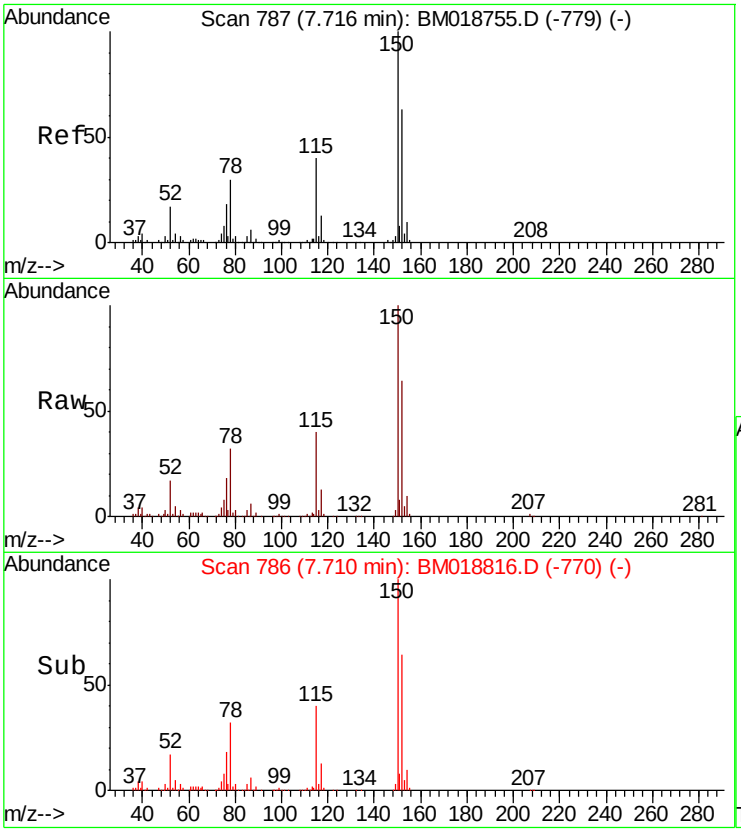
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021319\
Data File : BM018816.D
Acq On : 13 Feb 2019 23:52
Operator : JU/SJ
Sample : PB117091TB
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Quant Time: Feb 14 00:54:21 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



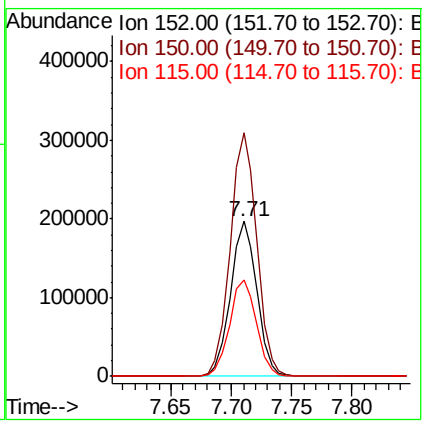


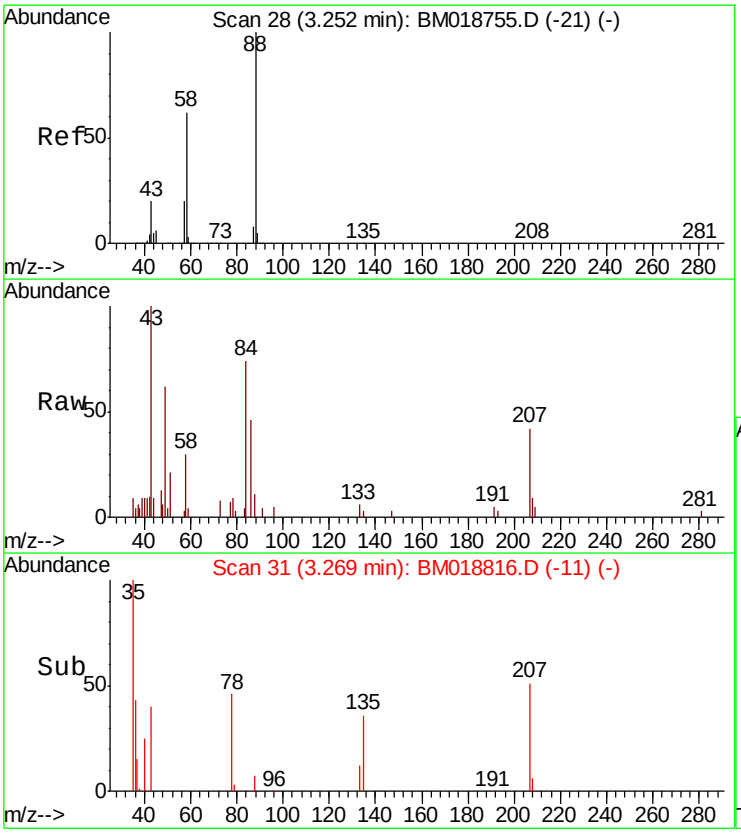
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Tgt Ion:152 Resp: 299373

Ion	Ratio	Lower	Upper
152	100		
150	157.2	127.3	190.9
115	62.5	50.8	76.2

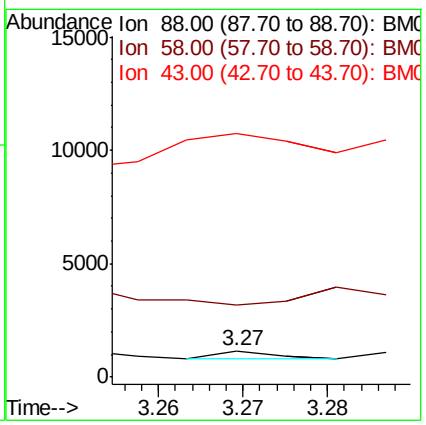


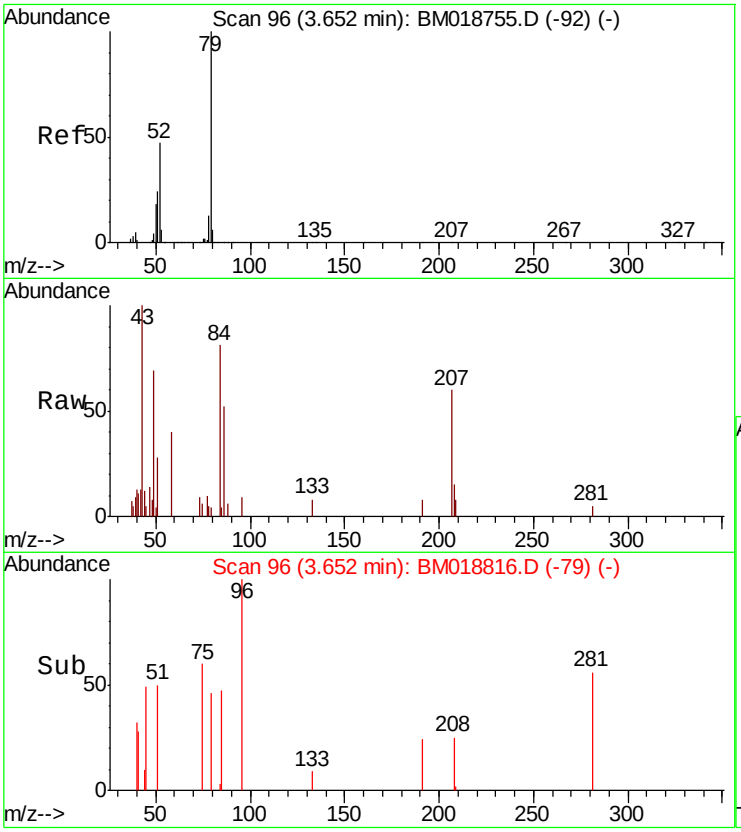


#2
1,4-Dioxane
Concen: 0.023 ng
RT: 3.27 min Scan# 31
Delta R.T. 0.02 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion: 88 Resp: 185

Ion	Ratio	Lower	Upper
88	100		
58	336.8	49.8	74.6#
43	1375.1	16.7	25.1#



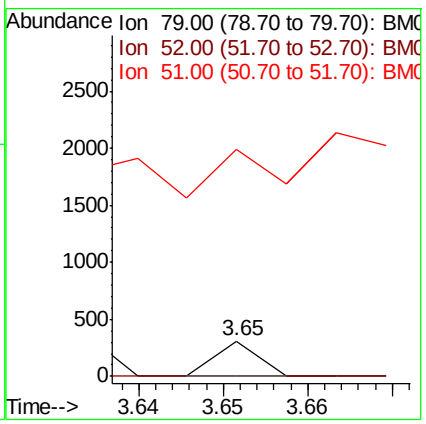


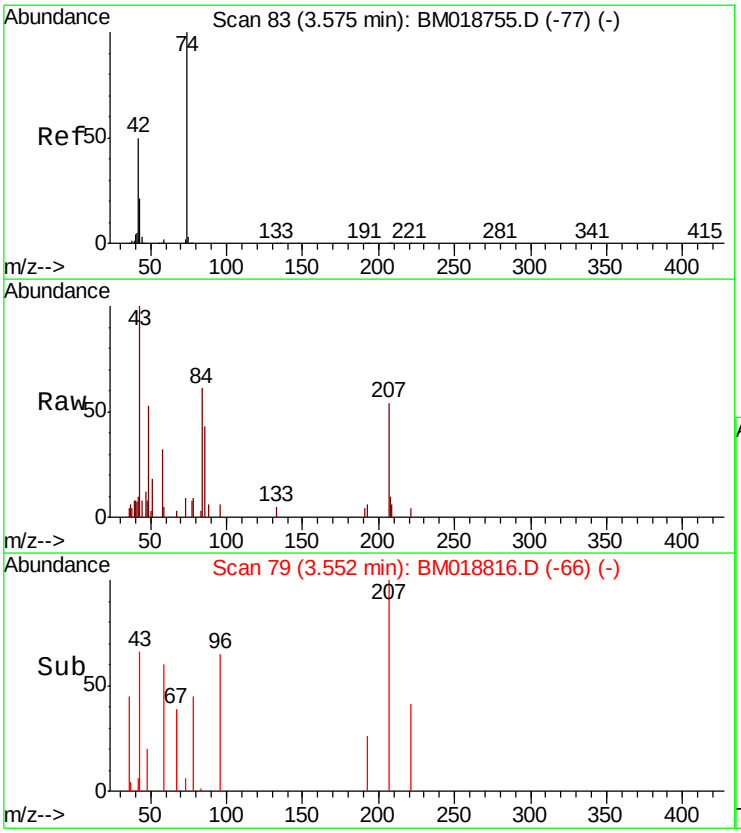
#3
Pyridine
Concen: 0.005 ng
RT: 3.65 min Scan# 96
Delta R.T. -0.00 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Tgt Ion: 79 Resp: 108

Ion	Ratio	Lower	Upper
79	100		
52	0.0	37.6	56.4#
51	648.2	19.7	29.5#

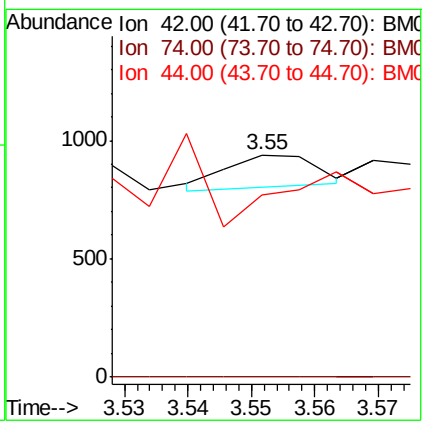


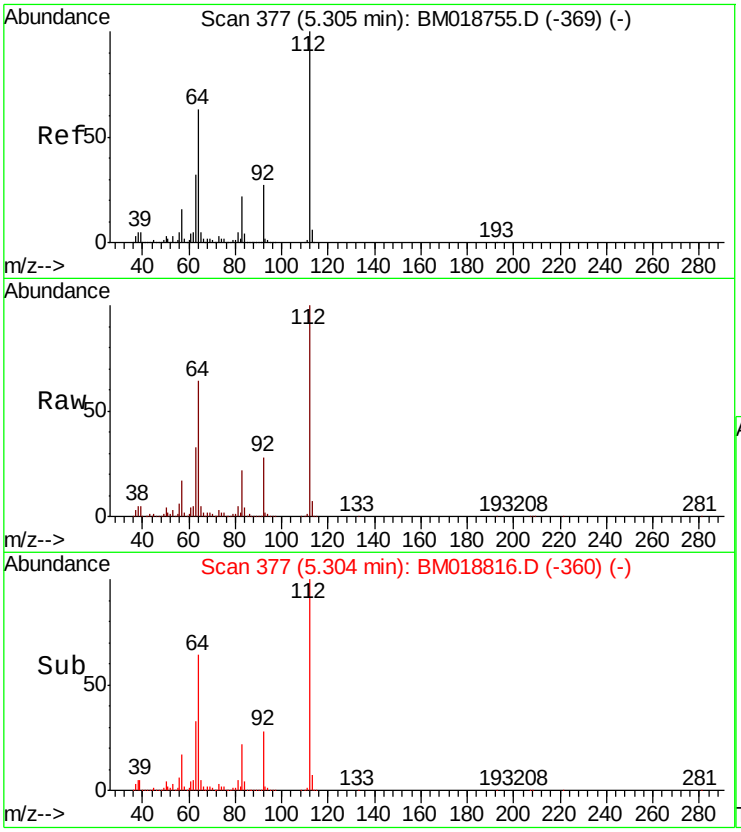


#4
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.55 min Scan# 79
Delta R.T. -0.02 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion: 42 Resp: 135

Ion	Ratio	Lower	Upper
42	100		
74	0.0	158.1	237.1#
44	81.8	4.9	7.3#



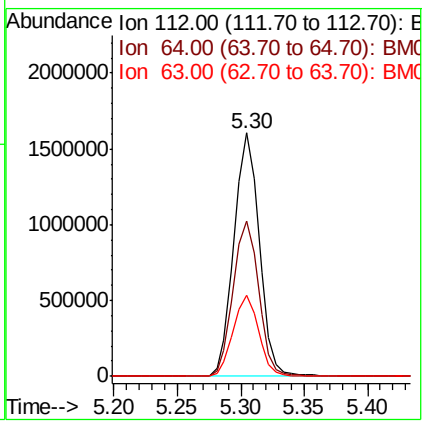


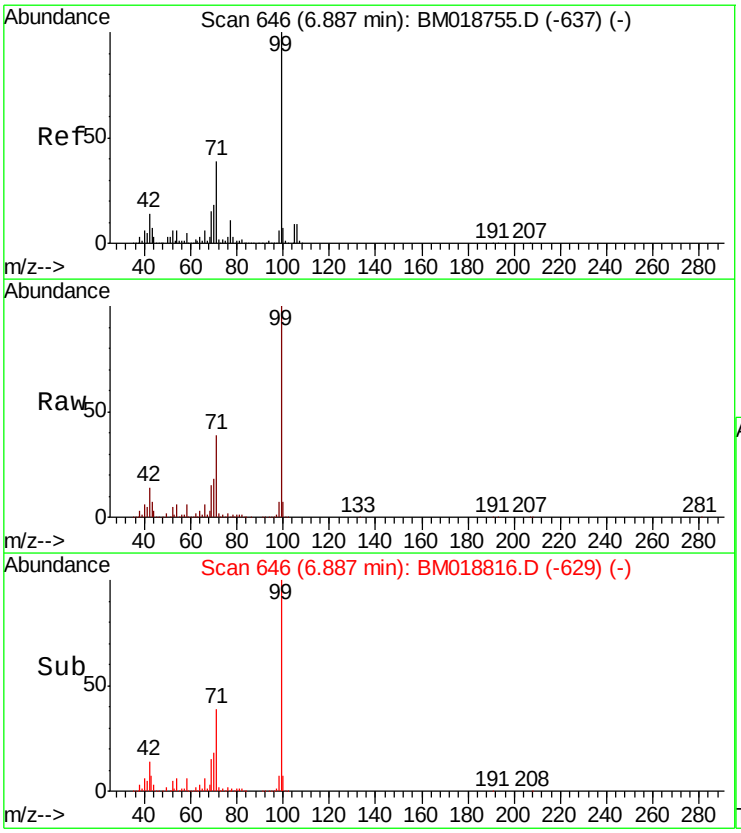
#5
2-Fluorophenol
Concen: 121.603 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Tgt Ion:112 Resp: 2221863

Ion	Ratio	Lower	Upper
112	100		
64	64.0	50.6	75.8
63	33.0	25.7	38.5

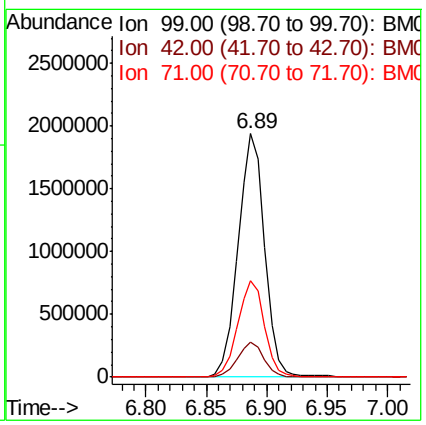


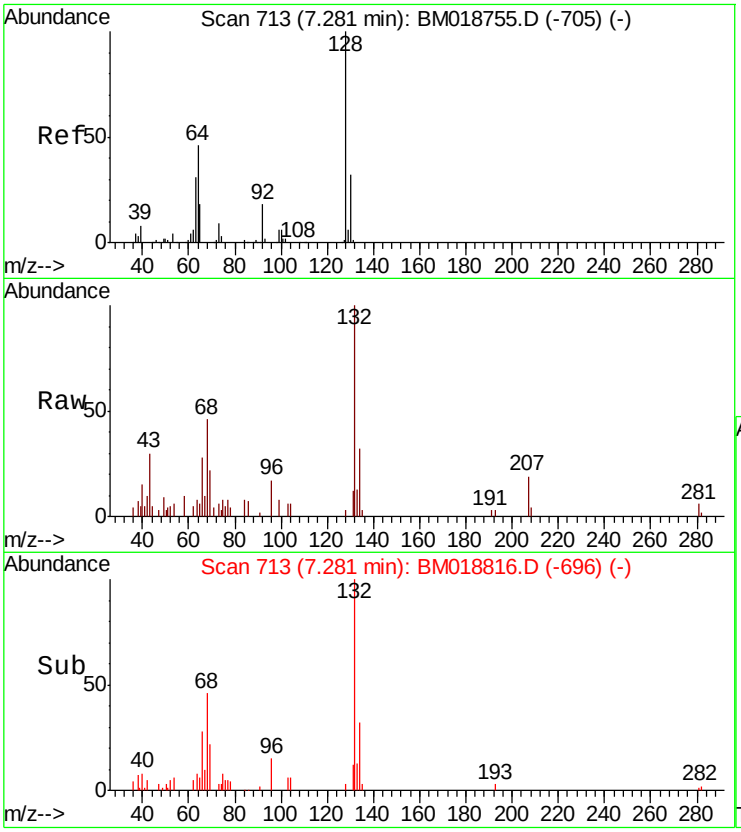


#7
Phenol-d6
Concen: 115.559 ng
RT: 6.89 min Scan# 646
Delta R.T. -0.00 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion: 99 Resp: 2974496

Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.0	16.6
71	39.4	31.3	46.9



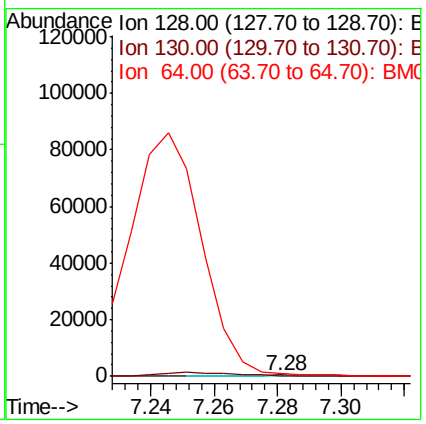


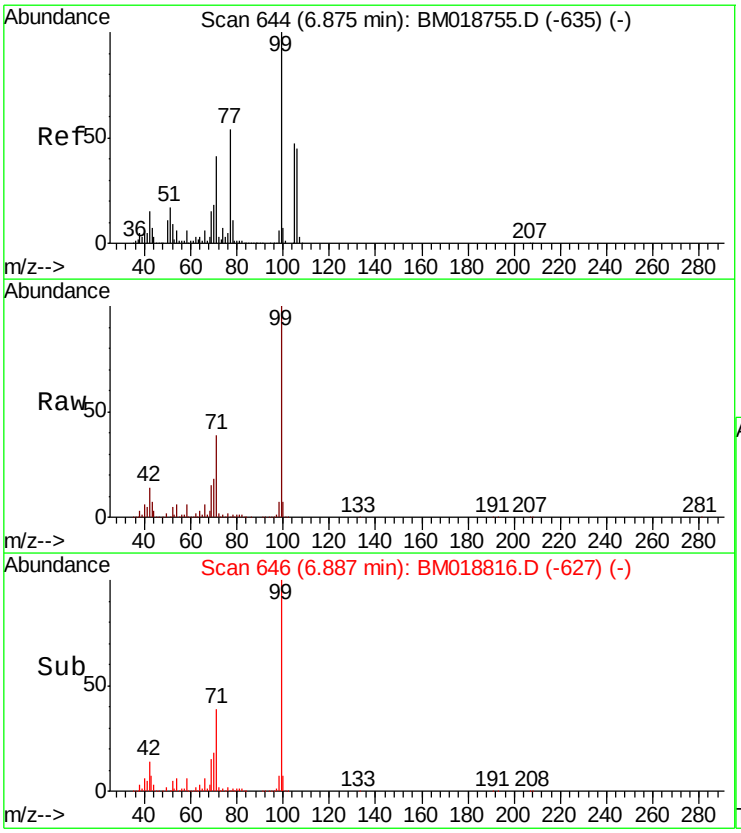
#8
2-Chlorophenol
Concen: 0.030 ng
RT: 7.28 min Scan# 713
Delta R.T. -0.00 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Tgt Ion:128 Resp: 598

Ion	Ratio	Lower	Upper
128	100		
130	0.0	11.7	51.7#
64	245.6	31.0	71.0#

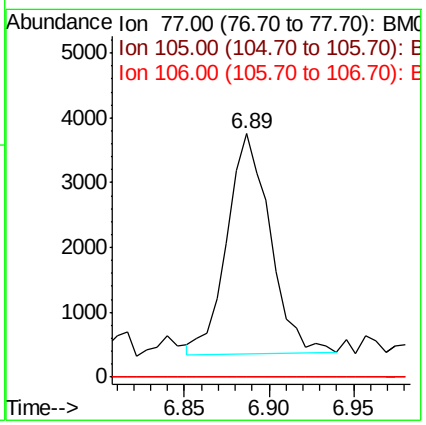


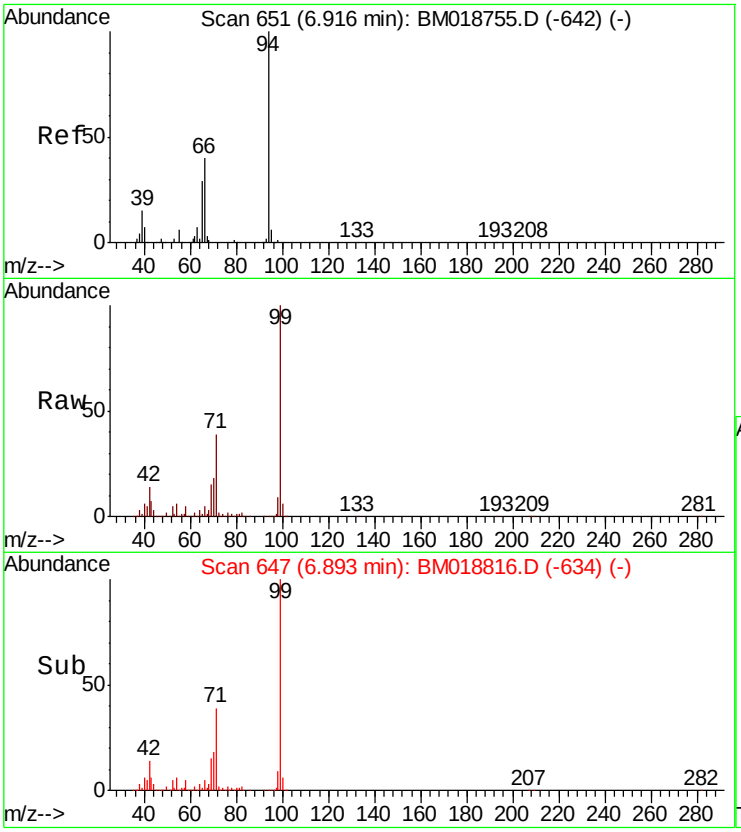


#9
Benzaldehyde
Concen: Below Cal
RT: 6.89 min Scan# 646
Delta R.T. 0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion: 77 Resp: 5992

Ion	Ratio	Lower	Upper
77	100		
105	0.0	67.3	107.3#
106	0.0	62.9	102.9#



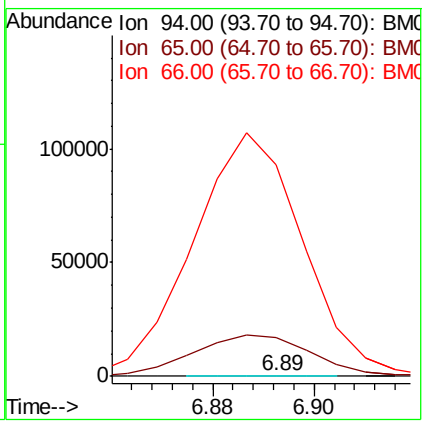


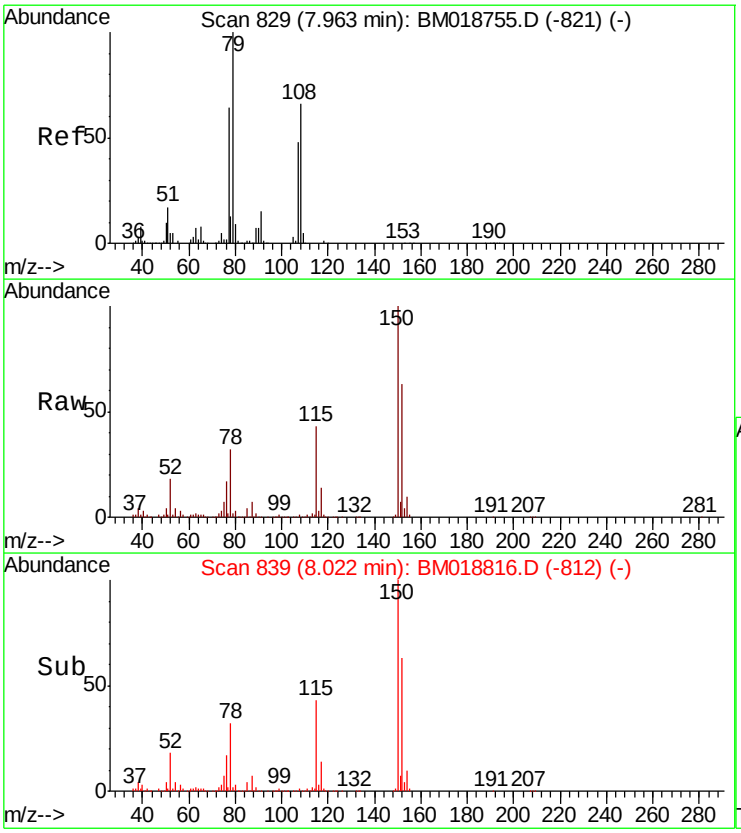
#10
Phenol
Concen: 0.010 ng
RT: 6.89 min Scan# 647
Delta R.T. -0.02 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Tgt Ion: 94 Resp: 259

Ion	Ratio	Lower	Upper
94	100		
65	4389.7	9.6	49.6#
66	23926.2	20.4	60.4#

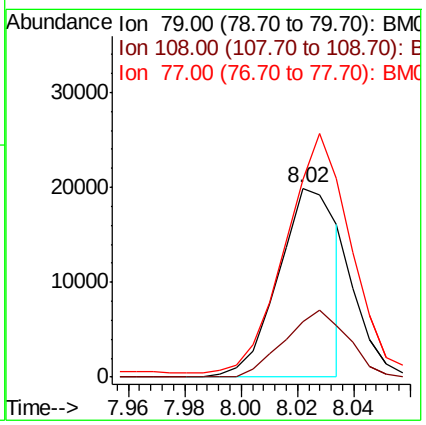


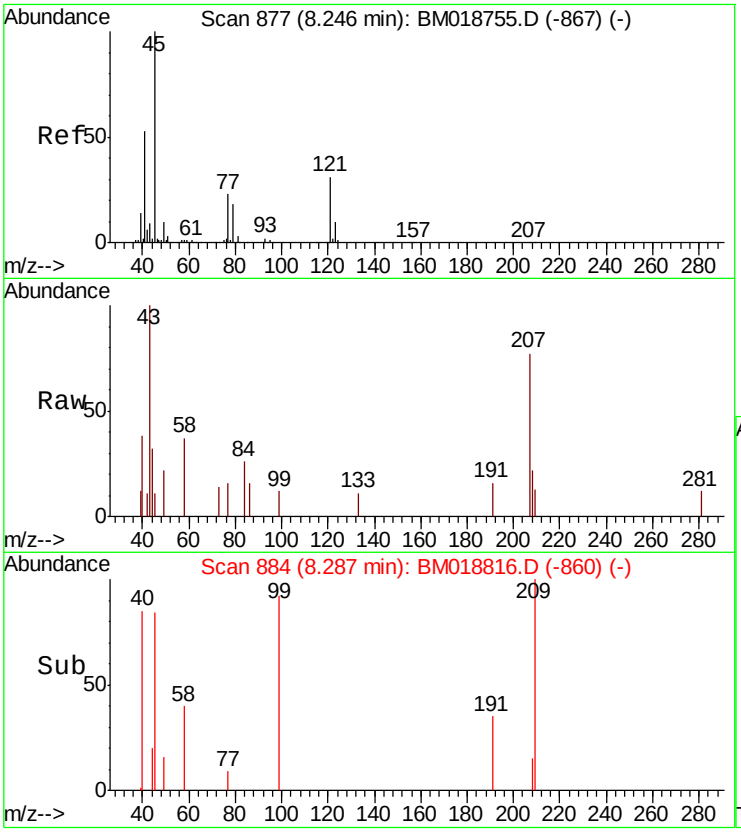


#15
Benzyl Alcohol
Concen: 1.391 ng
RT: 8.02 min Scan# 839
Delta R.T. 0.06 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion: 79 Resp: 28447

Ion	Ratio	Lower	Upper
79	100		
108	29.2	52.7	79.1#
77	104.7	51.0	76.4#



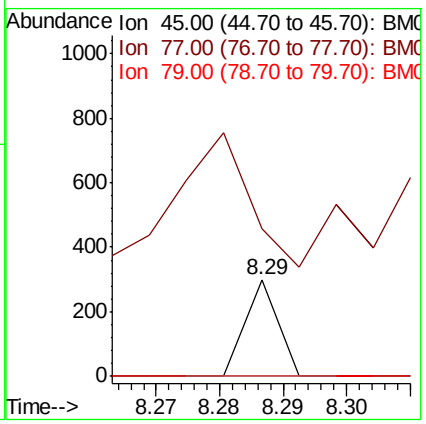


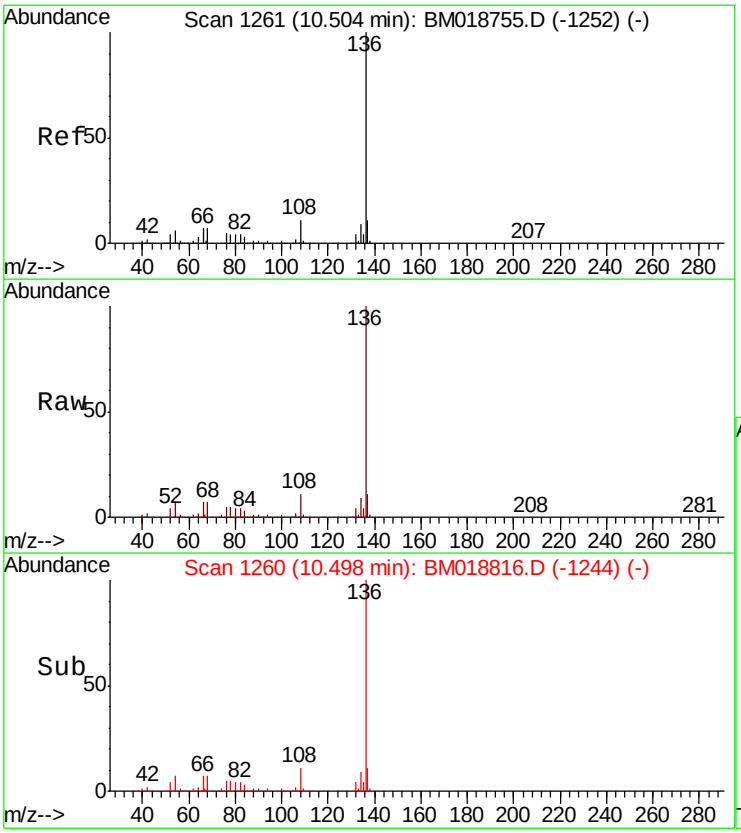
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.005 ng
RT: 8.29 min Scan# 884
Delta R.T. 0.04 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Tgt Ion: 45 Resp: 106

Ion	Ratio	Lower	Upper
45	100		
77	152.3	5.0	45.0#
79	0.0	0.0	39.3

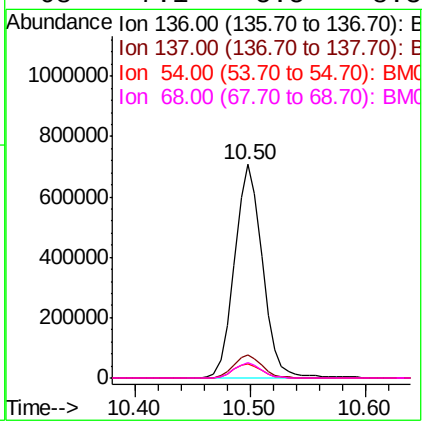


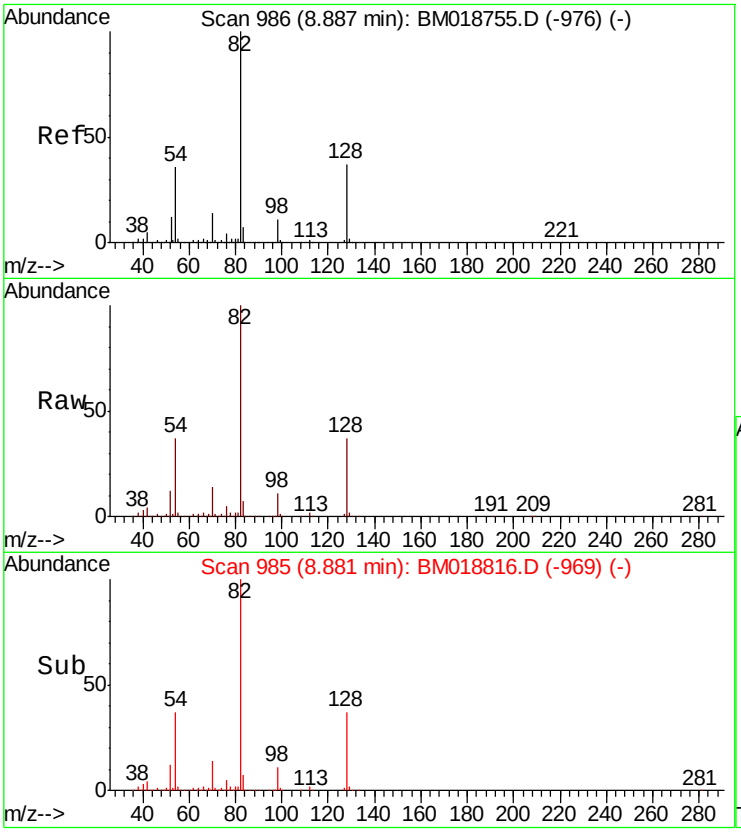


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion:136 Resp: 1183979

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	6.8	5.0	7.6
68	7.1	5.5	8.3



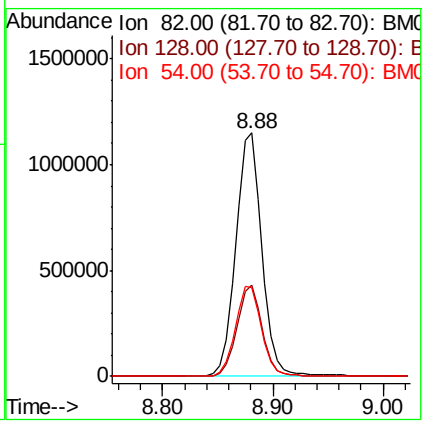


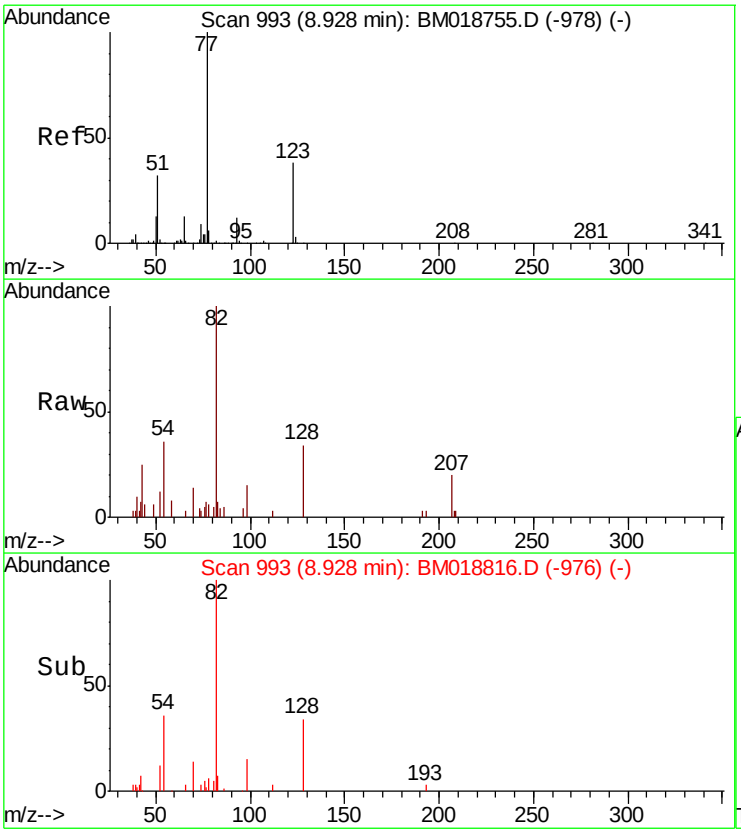
#23
Nitrobenzene-d5
Concen: 74.439 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Tgt Ion: 82 Resp: 1906063

Ion	Ratio	Lower	Upper
82	100		
128	37.4	29.9	44.9
54	36.6	29.1	43.7

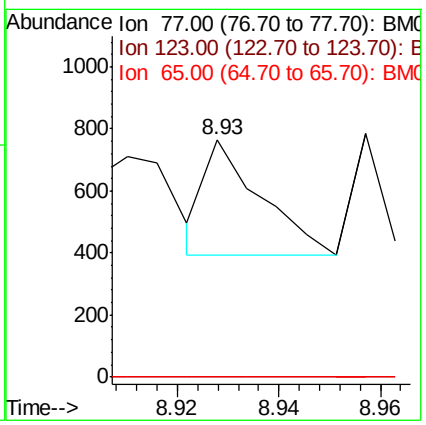


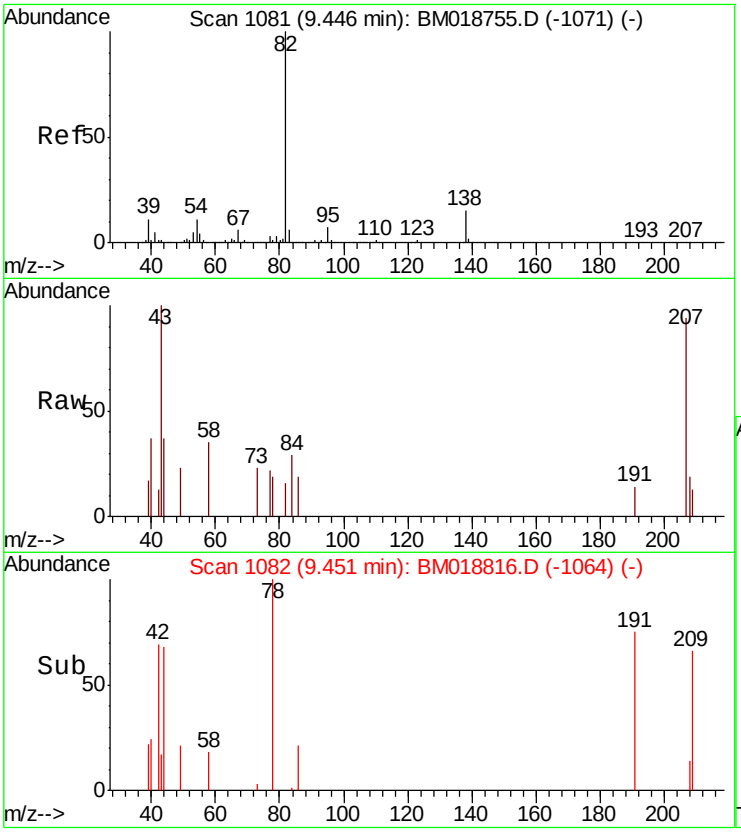


#24
Nitrobenzene
Concen: 0.011 ng
RT: 8.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion: 77 Resp: 283

Ion	Ratio	Lower	Upper
77	100		
123	0.0	30.7	46.1#
65	0.0	10.5	15.7#



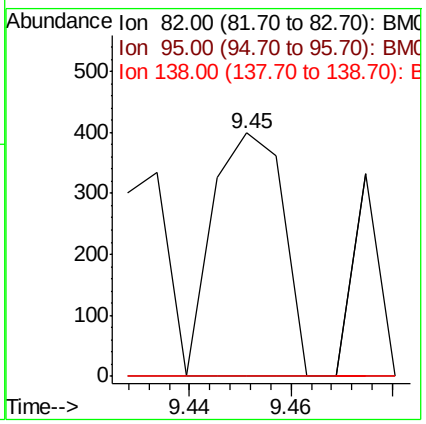


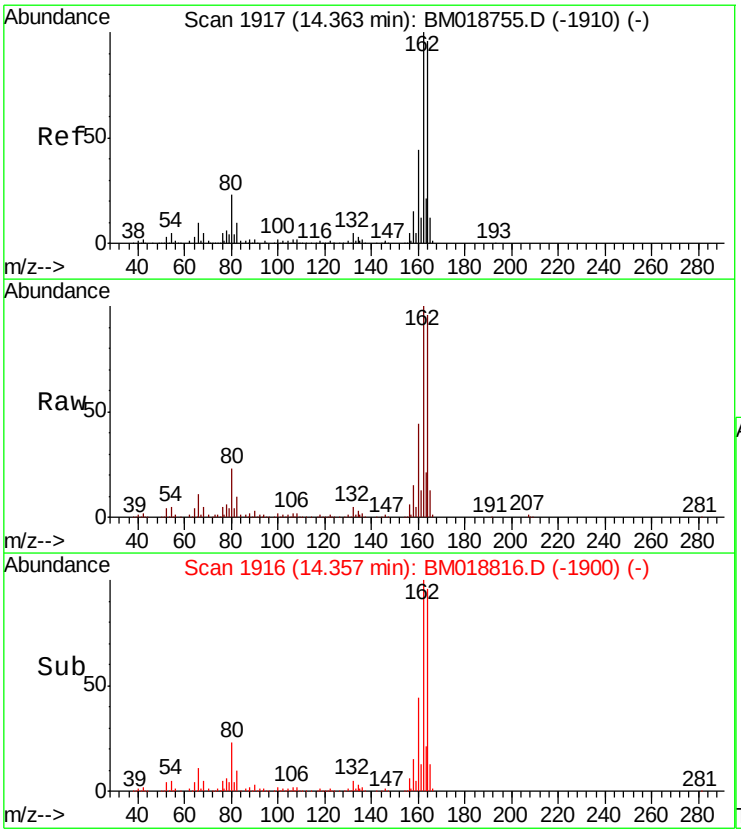
#25
Isophorone
Concen: 0.009 ng
RT: 9.45 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Tgt Ion: 82 Resp: 383

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	12.3	18.5#

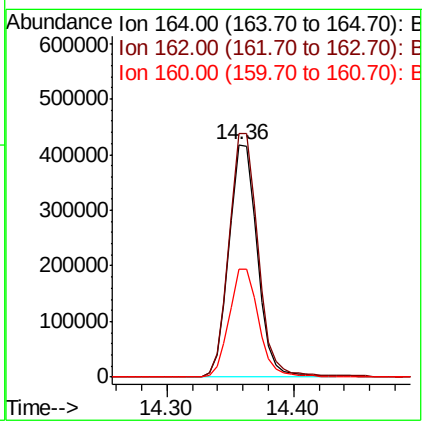


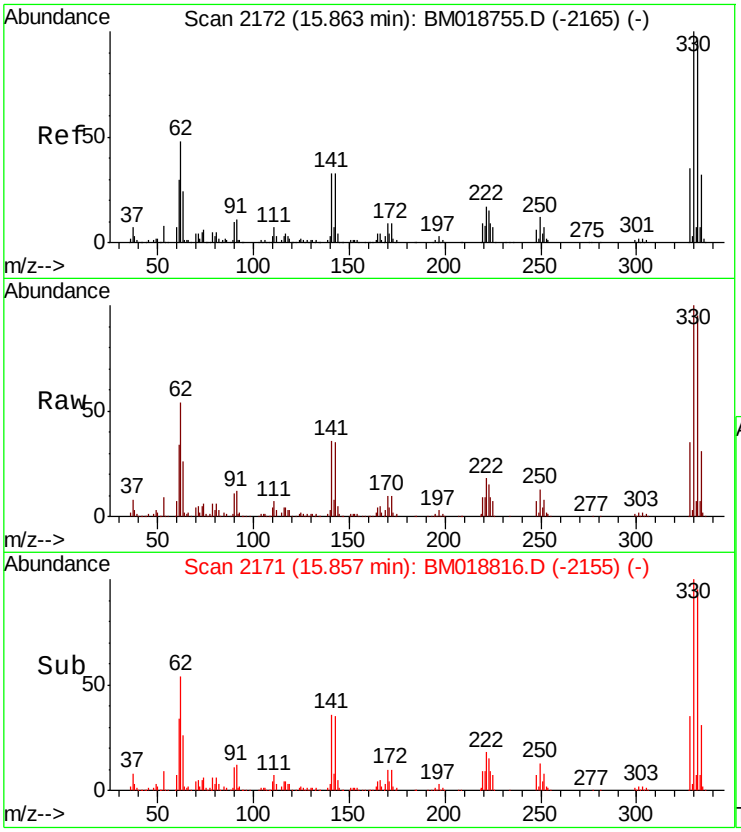


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion:164 Resp: 647167

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.4	125.0
160	46.3	36.6	55.0



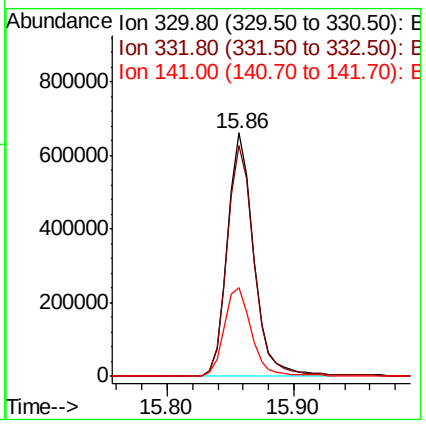


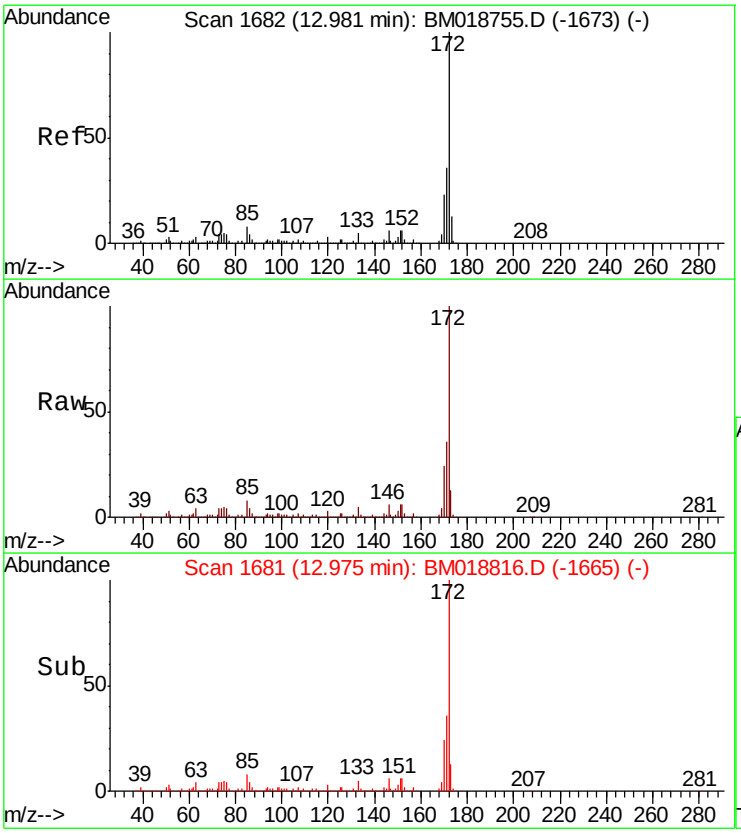
#42
2,4,6-Tribromophenol
Concen: 102.082 ng
RT: 15.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Tgt Ion:330 Resp: 952296

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	38.0	28.7	43.1

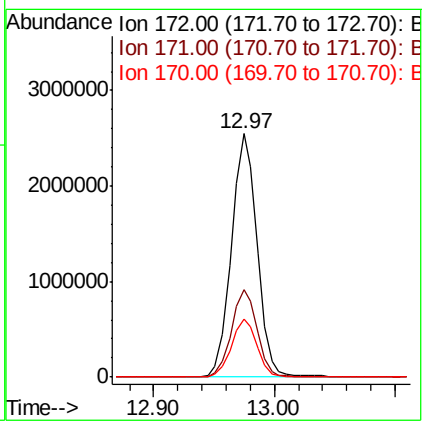


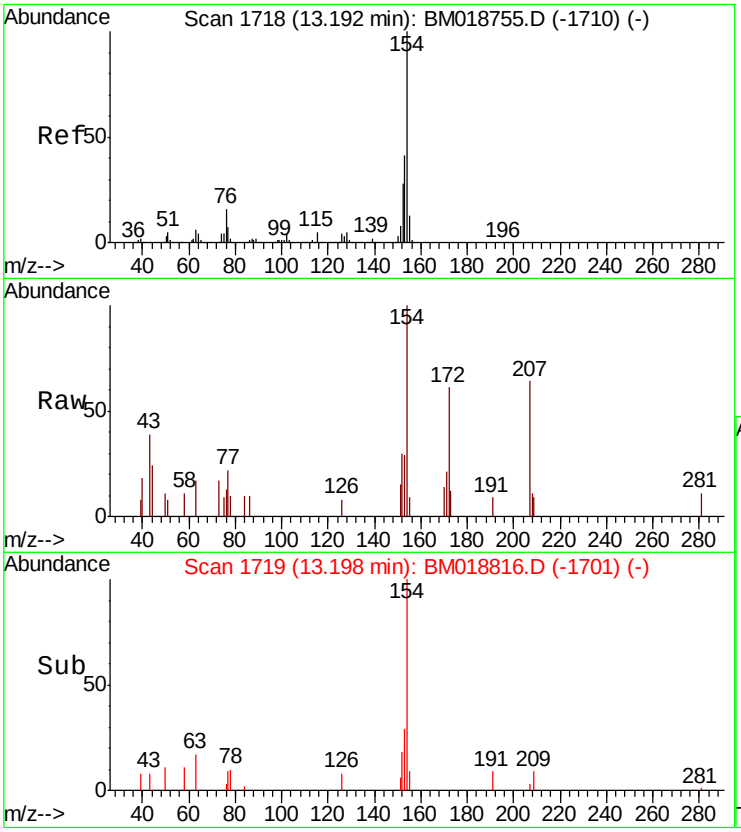


#45
2-Fluorobiphenyl
Concen: 77.535 ng
RT: 12.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion:172 Resp: 3779955

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	23.8	18.6	28.0



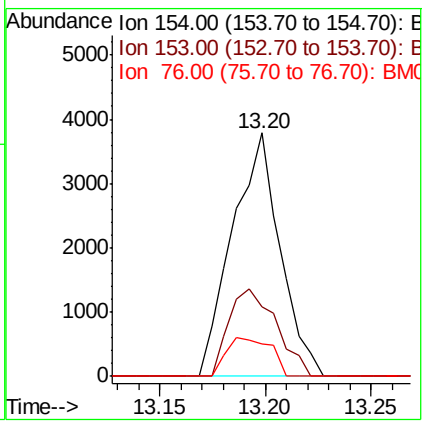


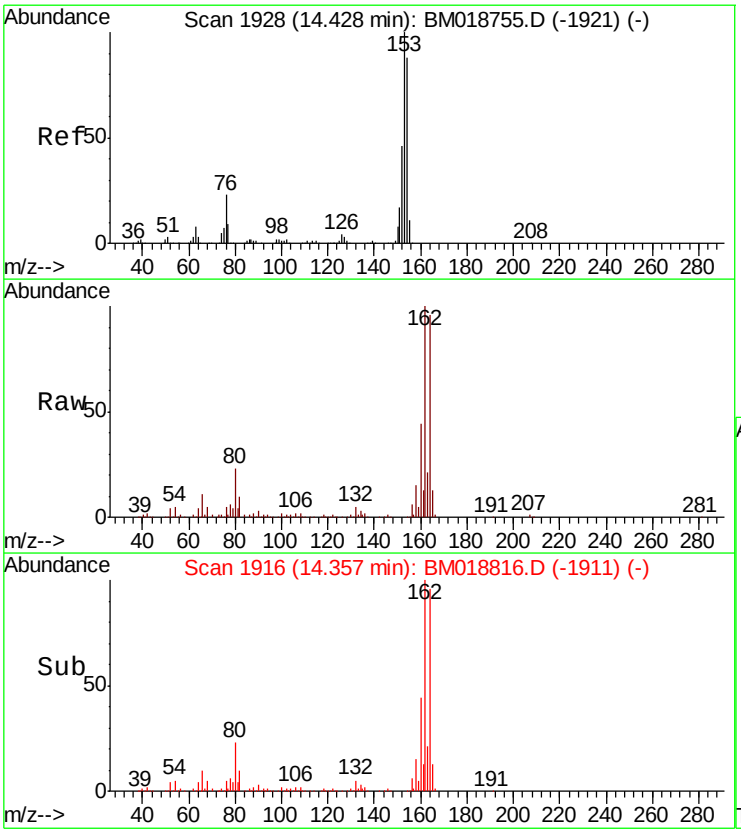
#46
1,1'-Biphenyl
Concen: 0.107 ng
RT: 13.20 min Scan# 1719
Delta R.T. 0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Tgt Ion:154 Resp: 5941

Ion	Ratio	Lower	Upper
154	100		
153	28.6	21.1	61.1
76	13.2	0.0	35.7

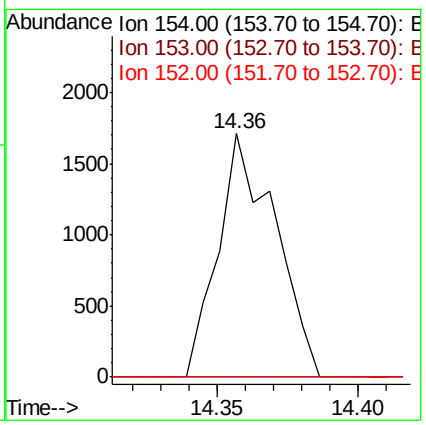


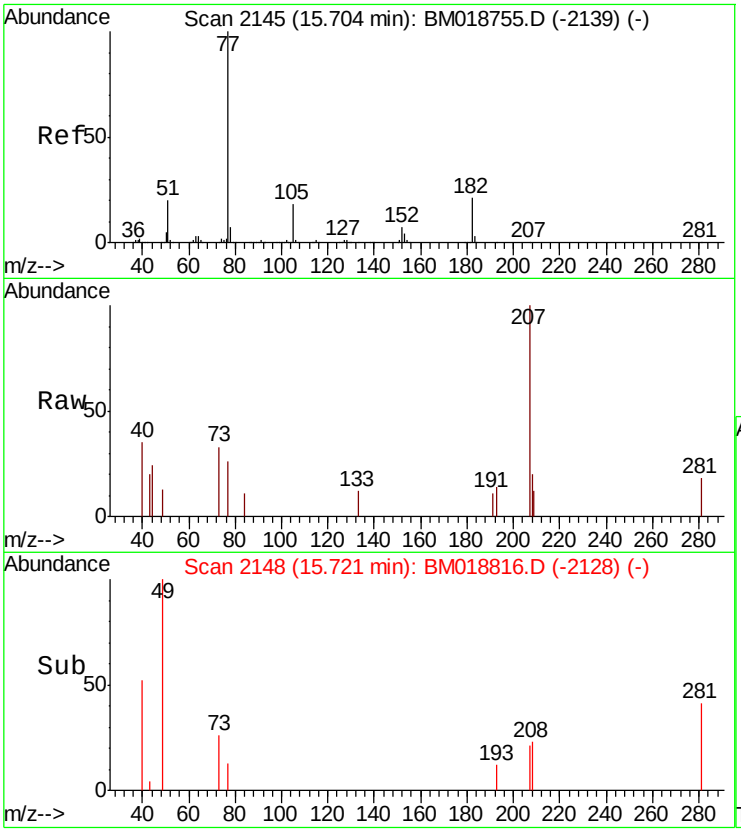


#52
Acenaphthene
Concen: 0.061 ng
RT: 14.36 min Scan# 1916
Delta R.T. -0.07 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion:154 Resp: 2404

Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.3	136.9#
152	0.0	42.2	63.4#



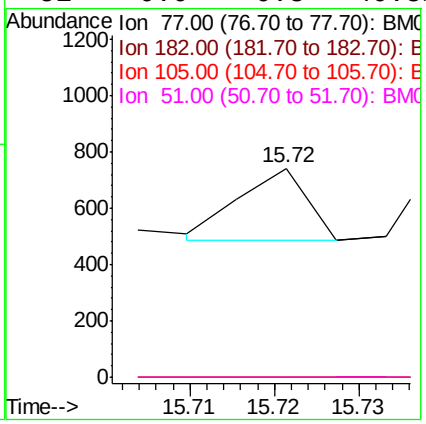


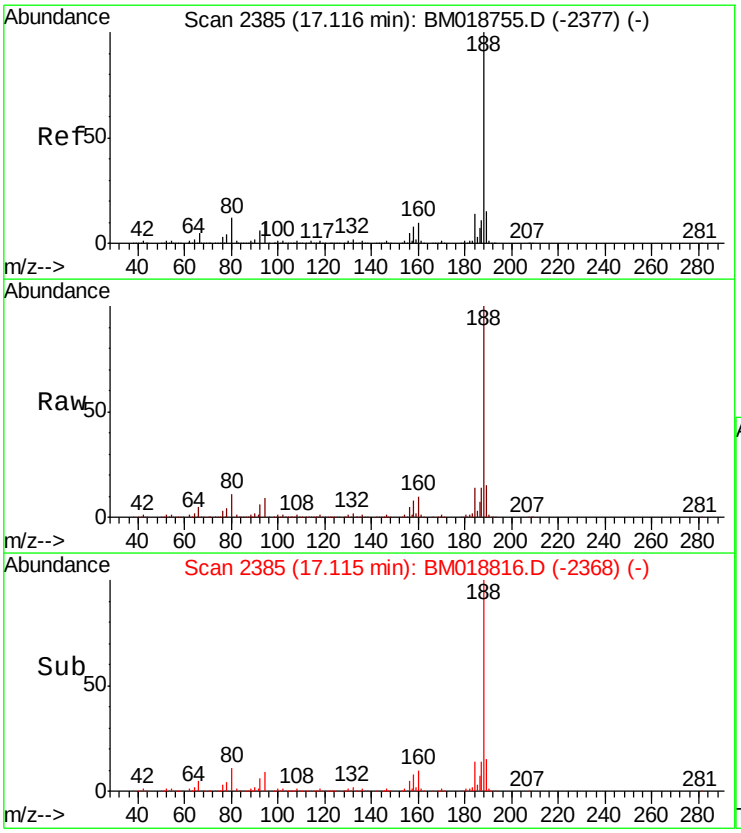
#63
Azobenzene
Concen: 0.002 ng
RT: 15.72 min Scan# 2148
Delta R.T. 0.02 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Tgt Ion: 77 Resp: 142

Ion	Ratio	Lower	Upper
77	100		
182	0.0	1.0	41.0#
105	0.0	0.0	37.7
51	0.0	0.3	40.3#

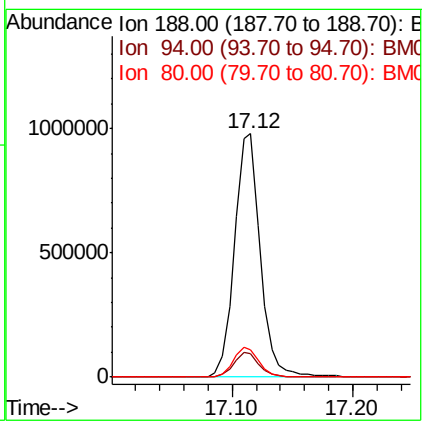


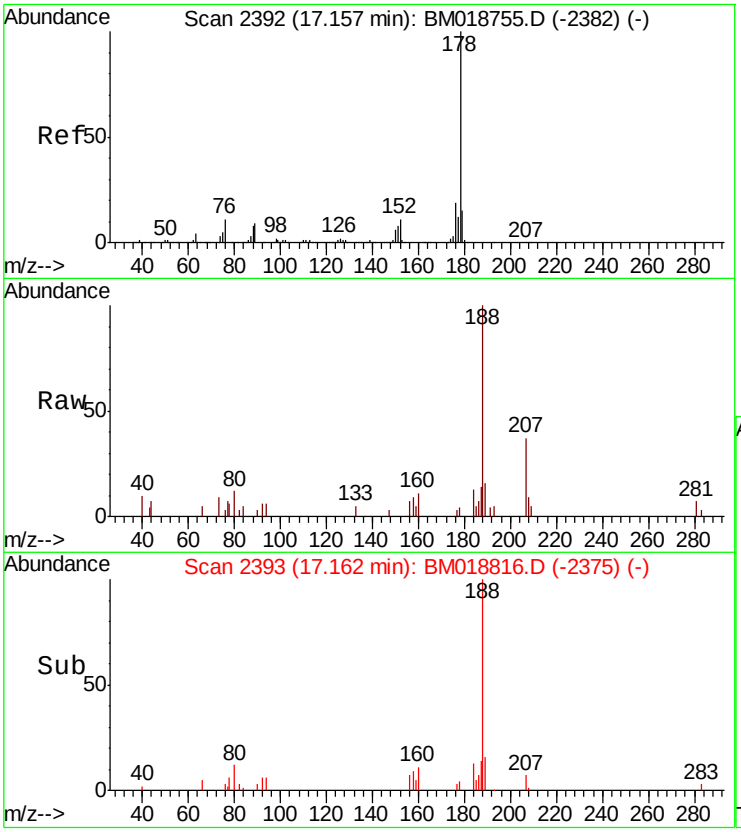


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion:188 Resp: 1456089

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.2
80	11.2	9.7	14.5



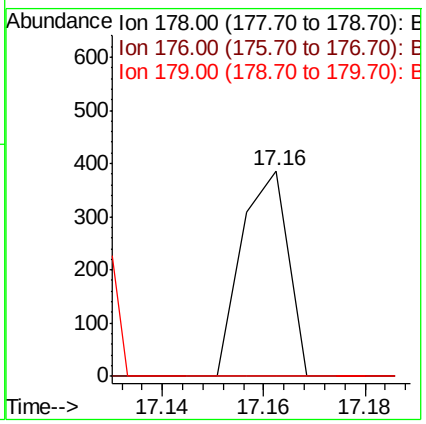


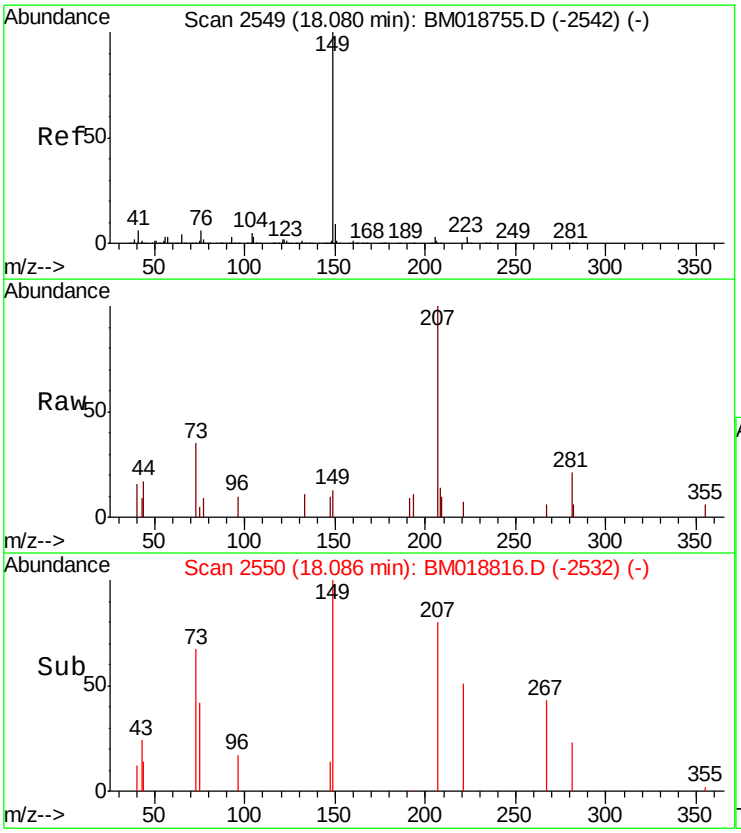
#71
Phenanthrene
Concen: 0.003 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Tgt Ion:178 Resp: 246

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.0#
179	0.0	12.3	18.5#

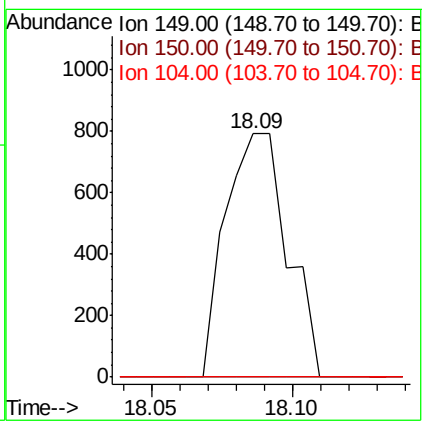


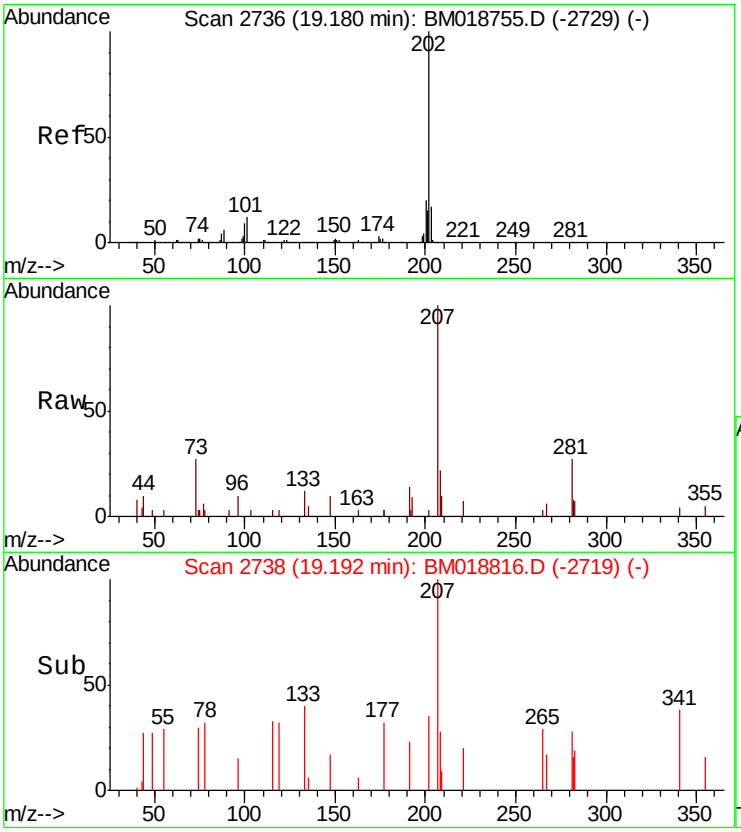


#74
Di-n-butylphthalate
Concen: 0.013 ng
RT: 18.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion:149 Resp: 1211

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.4	11.0#
104	0.0	4.3	6.5#



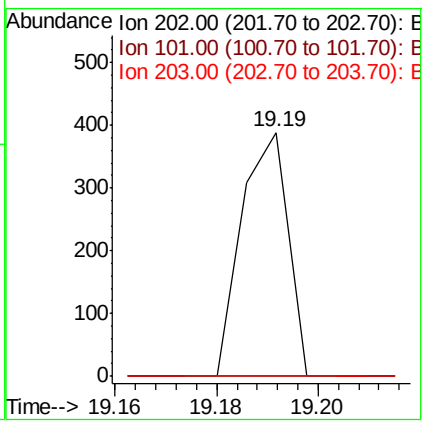


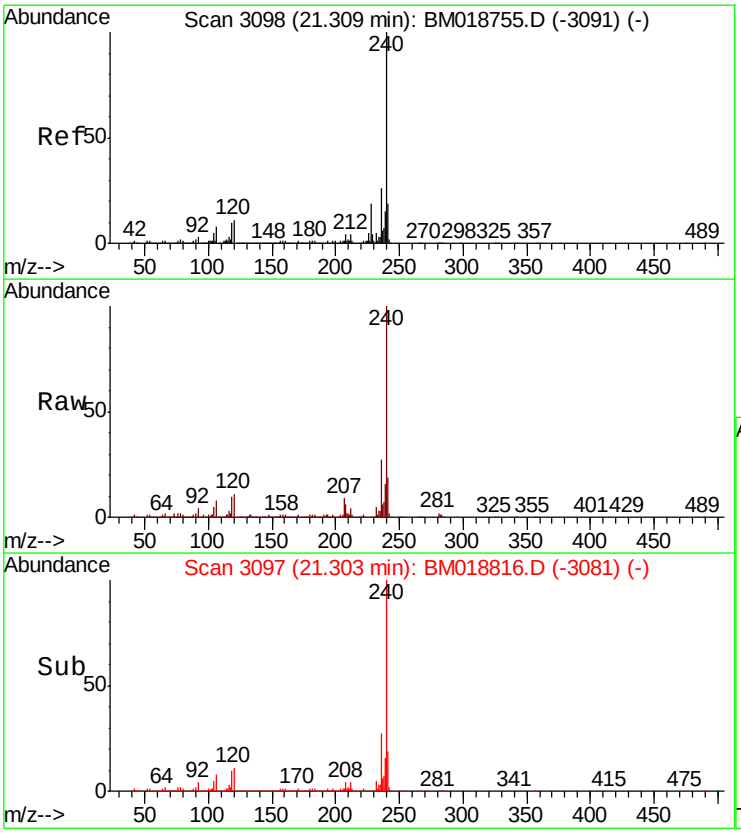
#75
Fluoranthene
Concen: 0.003 ng
RT: 19.19 min Scan# 2738
Delta R.T. 0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Tgt Ion:202 Resp: 246

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

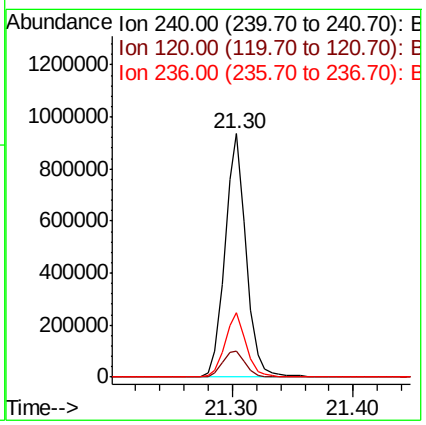


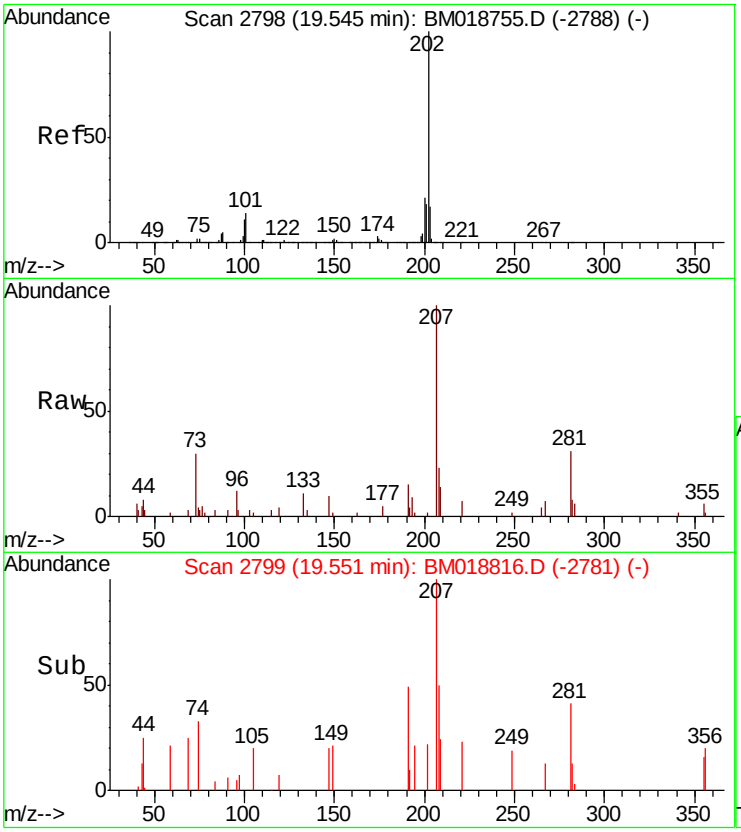


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion:240 Resp: 1130746

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	26.6	20.9	31.3



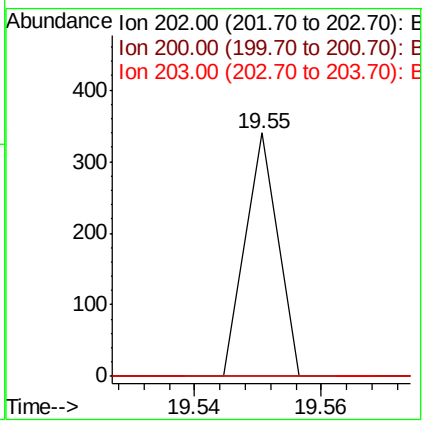


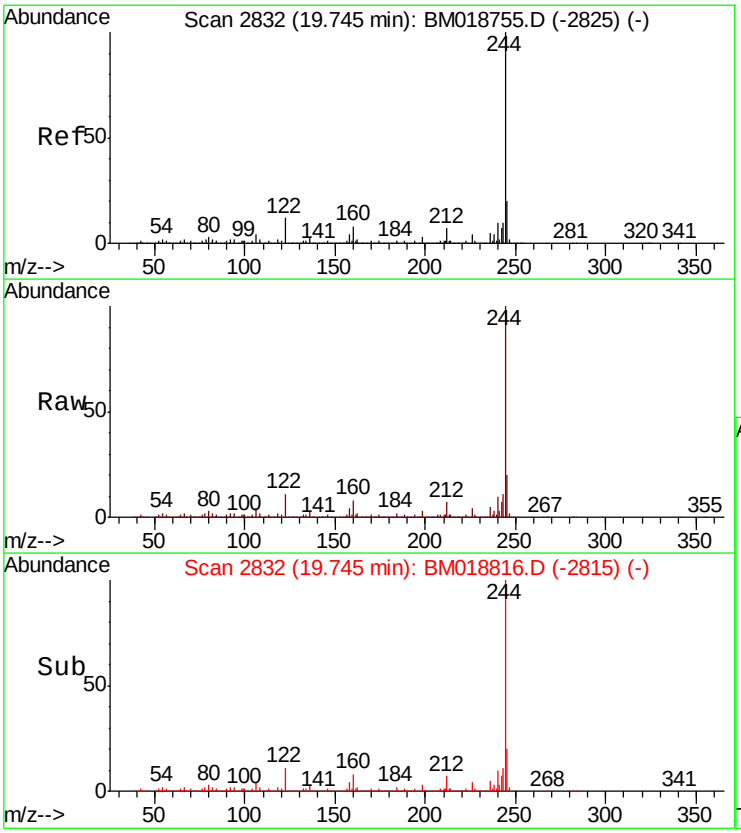
#78
Pyrene
Concen: 0.002 ng
RT: 19.55 min Scan# 2799
Delta R.T. 0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Tgt Ion:202 Resp: 120

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.9	25.3#
203	0.0	13.8	20.8#

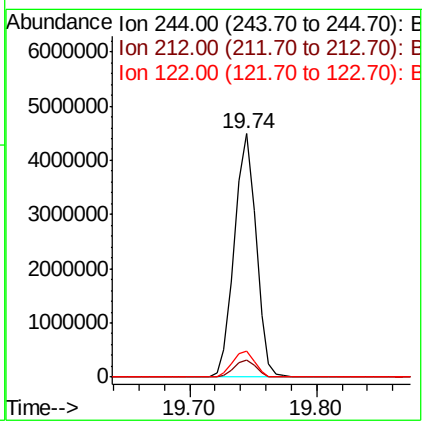


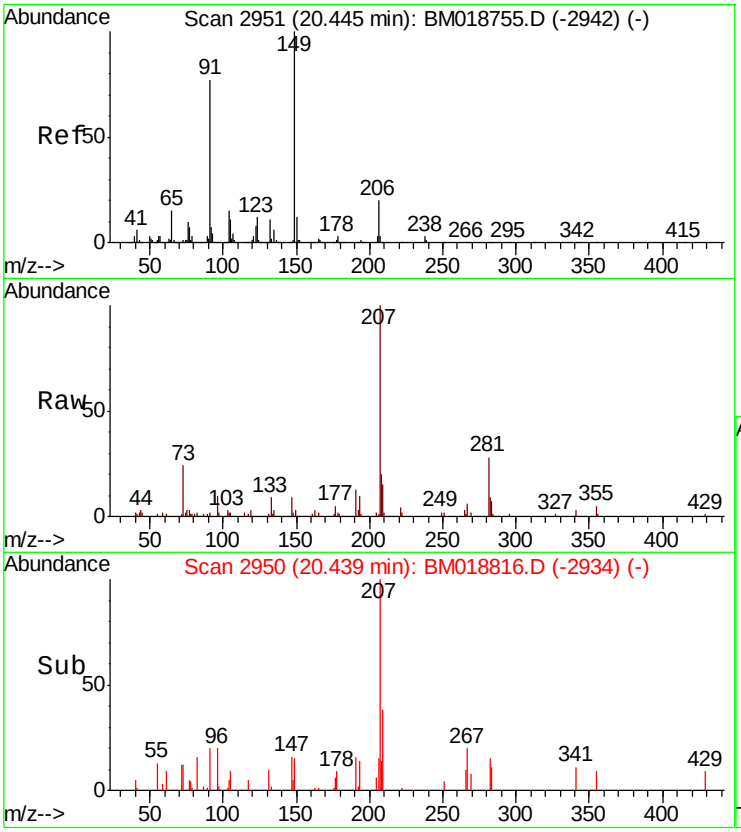


#79
Terphenyl-d14
Concen: 96.855 ng
RT: 19.74 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion:244 Resp: 5308981

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	10.7	9.3	13.9



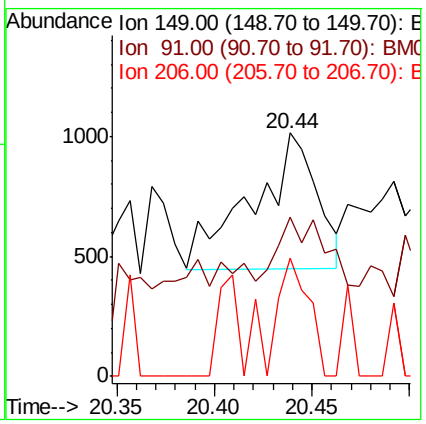


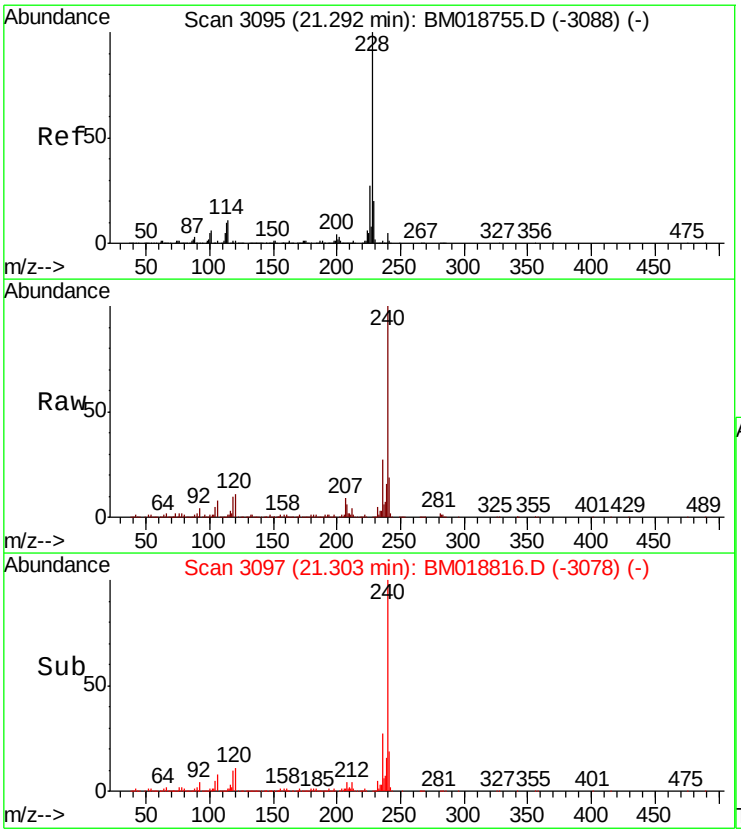
#80
Butylbenzylphthalate
Concen: 0.044 ng
RT: 20.44 min Scan# 2950
Delta R.T. -0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Tgt Ion:149 Resp: 1302

Ion	Ratio	Lower	Upper
149	100		
91	65.3	61.4	92.0
206	48.7	15.8	23.8#

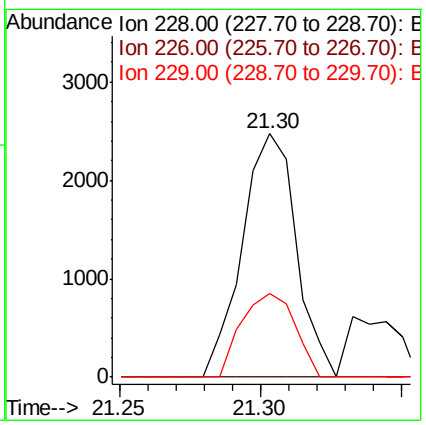


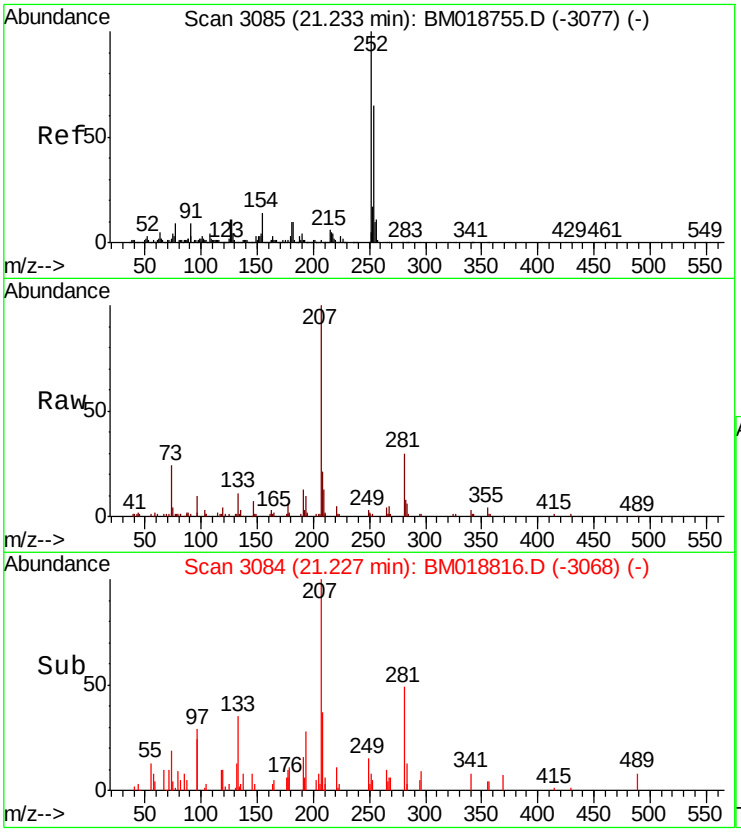


#81
Benzo(a)anthracene
Concen: 0.050 ng
RT: 21.30 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion:228 Resp: 3288

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.9	32.9#
229	34.1	15.9	23.9#



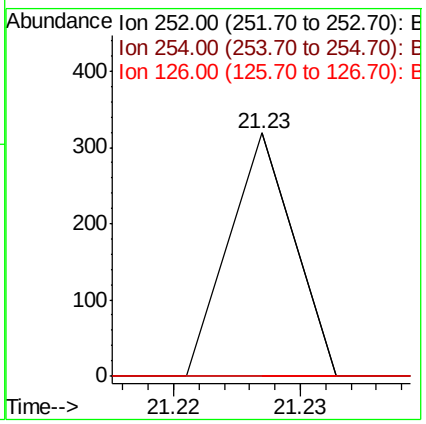


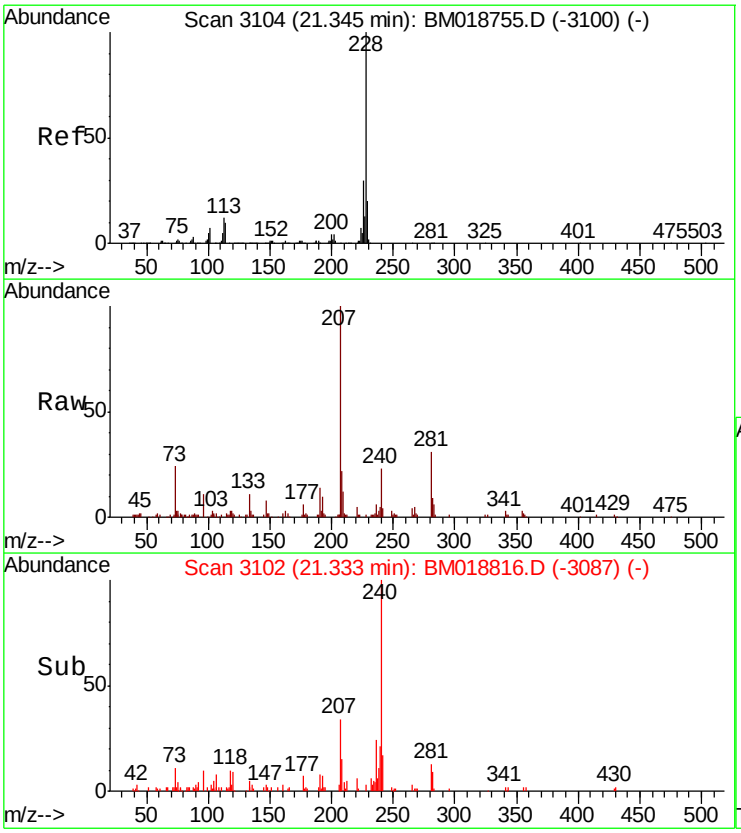
#82
3,3'-Dichlorobenzidine
Concen: 0.004 ng
RT: 21.23 min Scan# 3084
Delta R.T. -0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Tgt Ion:252 Resp: 113

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.8	77.8#
126	0.0	9.1	13.7#

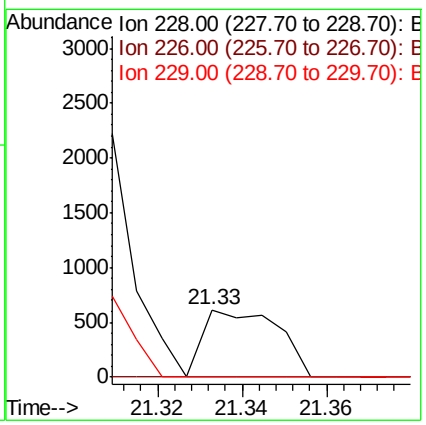


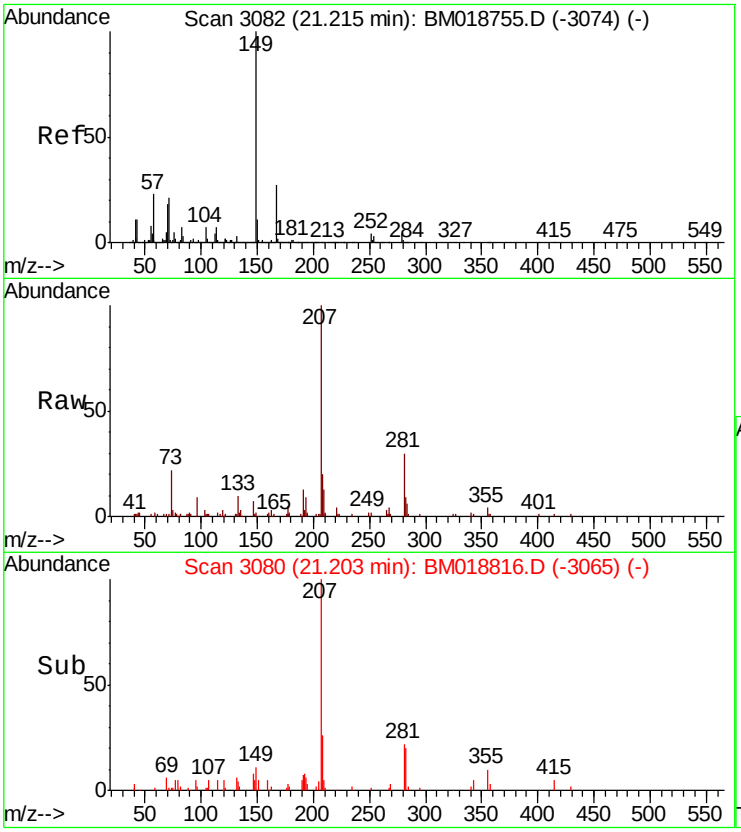


#83
Chrysene
Concen: 0.012 ng
RT: 21.33 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion:228 Resp: 753

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.1	36.1#
229	0.0	16.0	24.0#



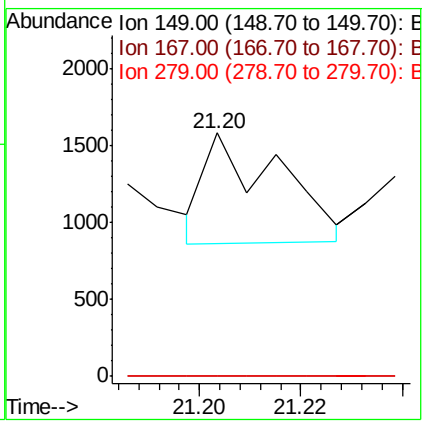


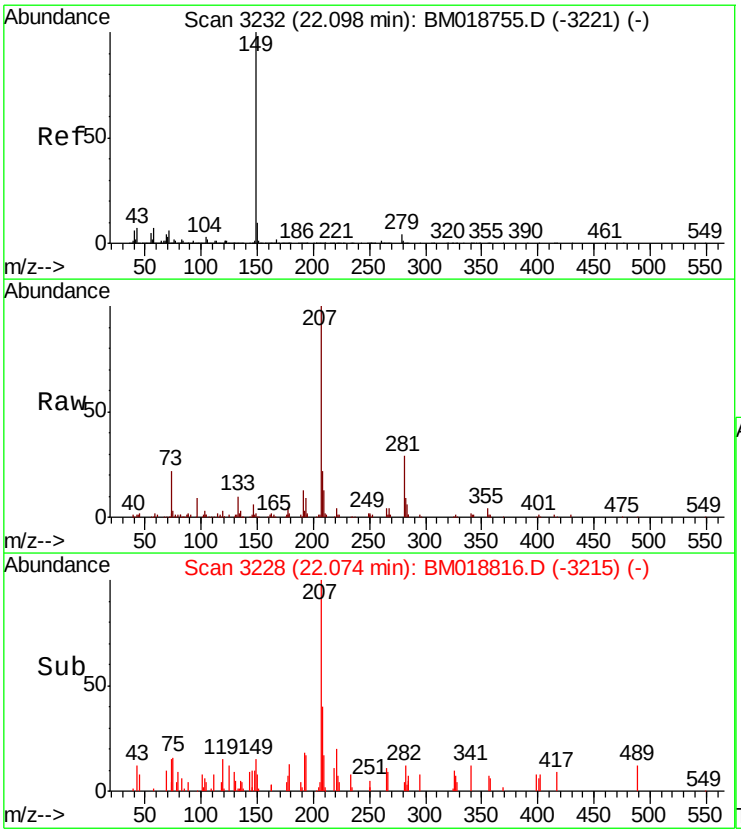
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.017 ng
RT: 21.20 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Tgt Ion:149 Resp: 729

Ion	Ratio	Lower	Upper
149	100		
167	0.0	21.8	32.6#
279	0.0	3.6	5.4#

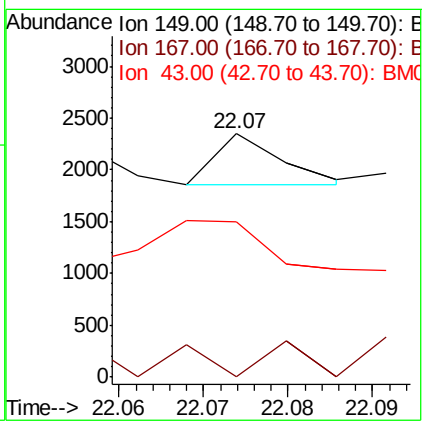


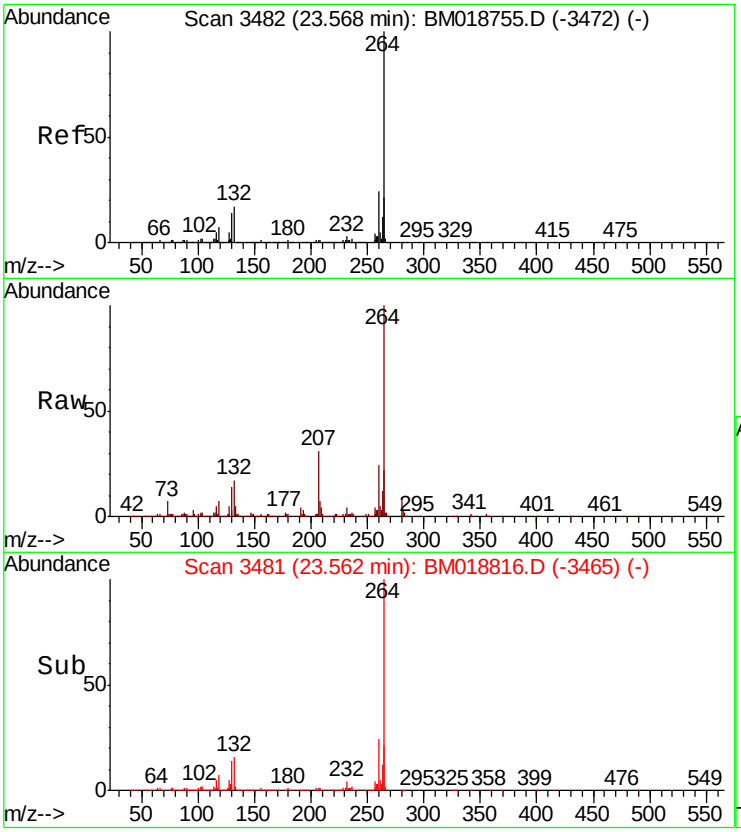


#85
Di-n-octyl phthalate
Concen: 0.004 ng
RT: 22.07 min Scan# 3228
Delta R.T. -0.02 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion:149 Resp: 268

Ion	Ratio	Lower	Upper
149	100		
167	41.0	1.3	1.9#
43	392.2	6.0	9.0#



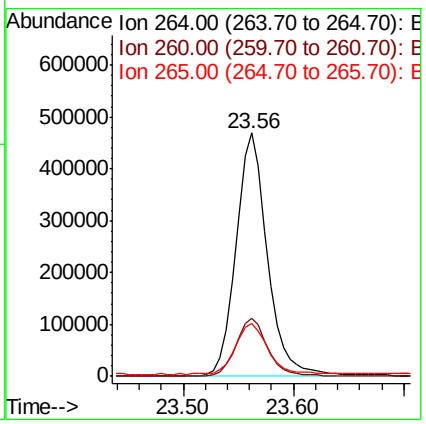


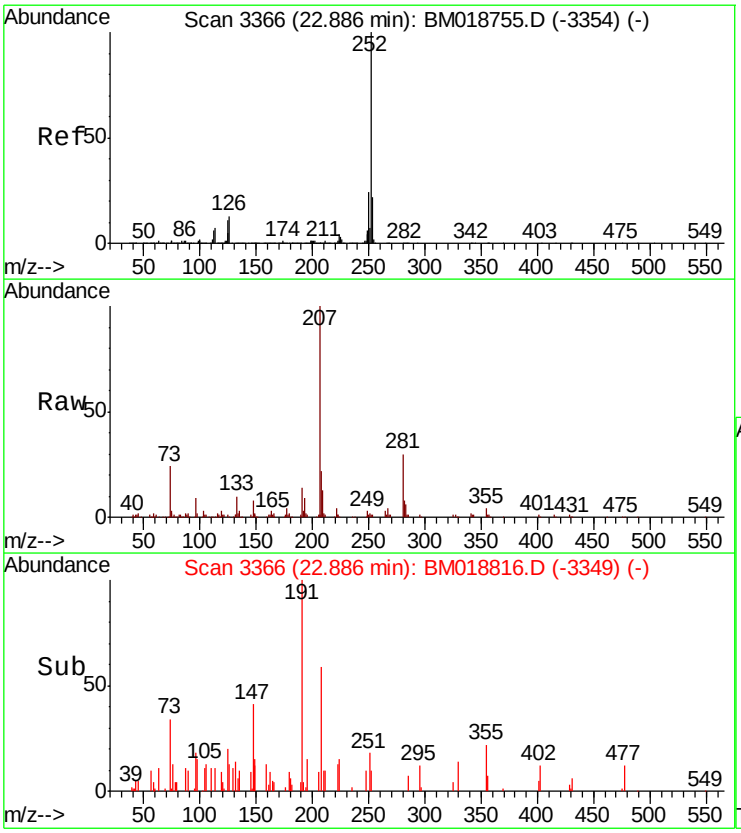
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.56 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Tgt Ion:264 Resp: 935854

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.9	17.3	25.9

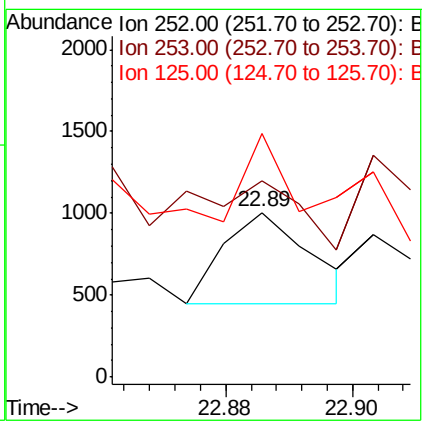


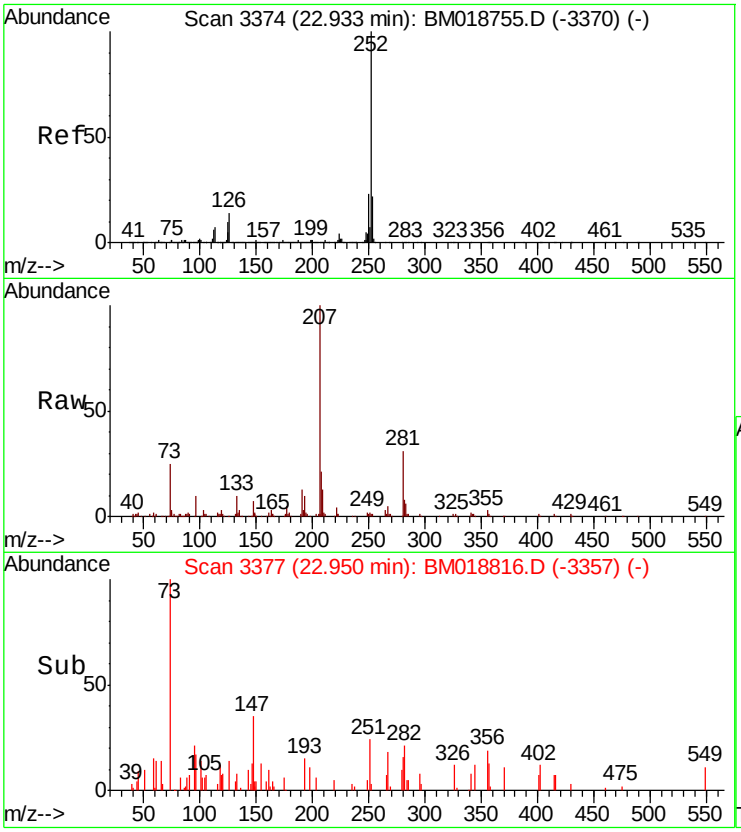


#88
Benzo(b)fluoranthene
Concen: 0.010 ng
RT: 22.89 min Scan# 3366
Delta R.T. -0.00 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion:252 Resp: 521

Ion	Ratio	Lower	Upper
252	100		
253	119.6	17.8	26.6#
125	148.0	8.6	12.8#



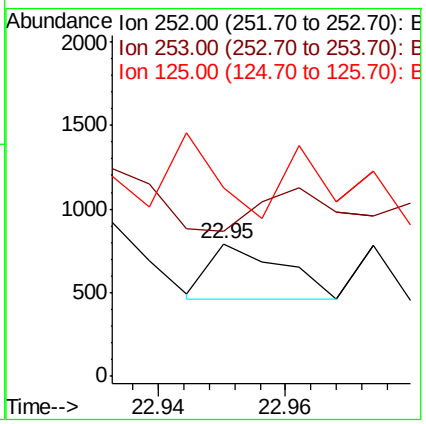


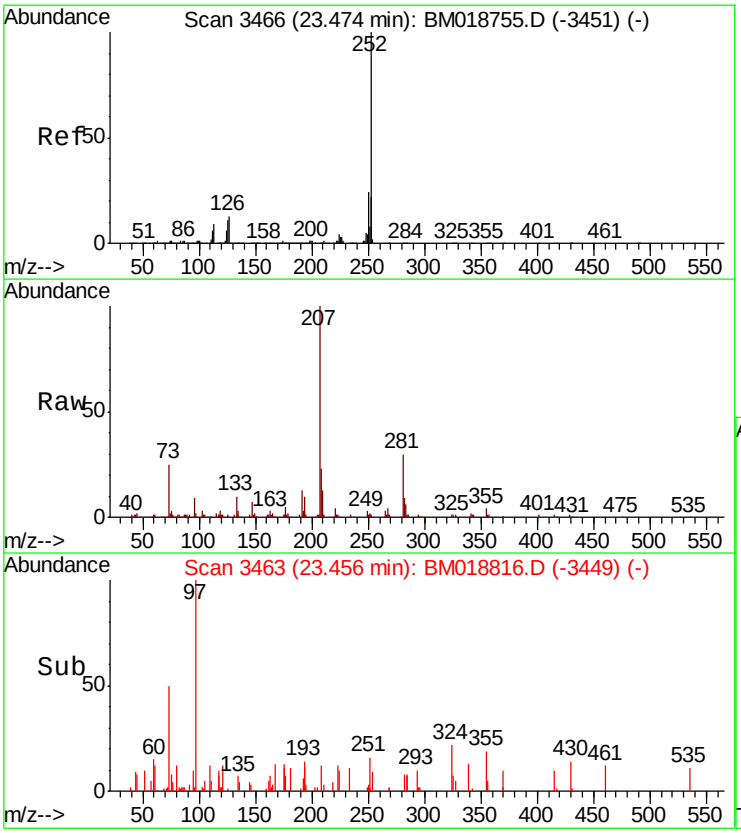
#89
Benzo(k)fluoranthene
Concen: 0.005 ng
RT: 22.95 min Scan# 3377
Delta R.T. 0.02 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Tgt Ion:252 Resp: 261

Ion	Ratio	Lower	Upper
252	100		
253	109.9	17.7	26.5#
125	142.8	8.2	12.4#





#90
Benzo(a)pyrene
Concen: 0.007 ng
RT: 23.46 min Scan# 3463
Delta R.T. -0.02 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion:252 Resp: 377

Ion	Ratio	Lower	Upper
252	100		
253	120.8	17.4	26.0#
125	174.8	8.6	13.0#