Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
Data File : BM017263.D
Acq On : 20 Oct 2018 13:50
Operator : MJ/SJ
Sample : J5538-17
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 22 02:49:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	322182	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1362530	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	824457	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1857725	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1822994	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1605067	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2087561	109.59	ng	0.00
7) Phenol-d6	6.85	99	2509168	96.72	ng	-0.01
23) Nitrobenzene-d5	8.82	82	2028061	87.05	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1413720	126.80	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	4823020	77.84	ng	-0.01
79) Terphenyl-d14	19.70	244	7262912	89.80	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.88	77	34152	2.065	ng	# 2
10) Phenol	6.88	94	3298086	118.119	ng	99
26) 2-Nitrophenol	9.56	139	3713	5.987	ng	# 72
32) Benzoic acid	9.76	122	293983	23.162	ng	95
48) 2-Nitroaniline	13.37	65	217	5.700	ng	# 1
50) Dimethylphthalate	13.77	163	134774	2.119	ng	99
54) 2,4-Dinitrophenol	14.42	184	122	8.240	ng	# 1
56) 4-Nitrophenol	14.54	139	116812	12.672	ng	93
62) 4-Nitroaniline	15.40	138	515	4.782	ng	# 1
80) Butylbenzylphthalate	20.39	149	1429	7.207	ng	# 58
84) Bis(2-ethylhexyl)phthalate	21.17	149	4872	5.381	ng	# 89
85) Di-n-octyl phthalate	22.03	149	490	5.576	ng	# 1

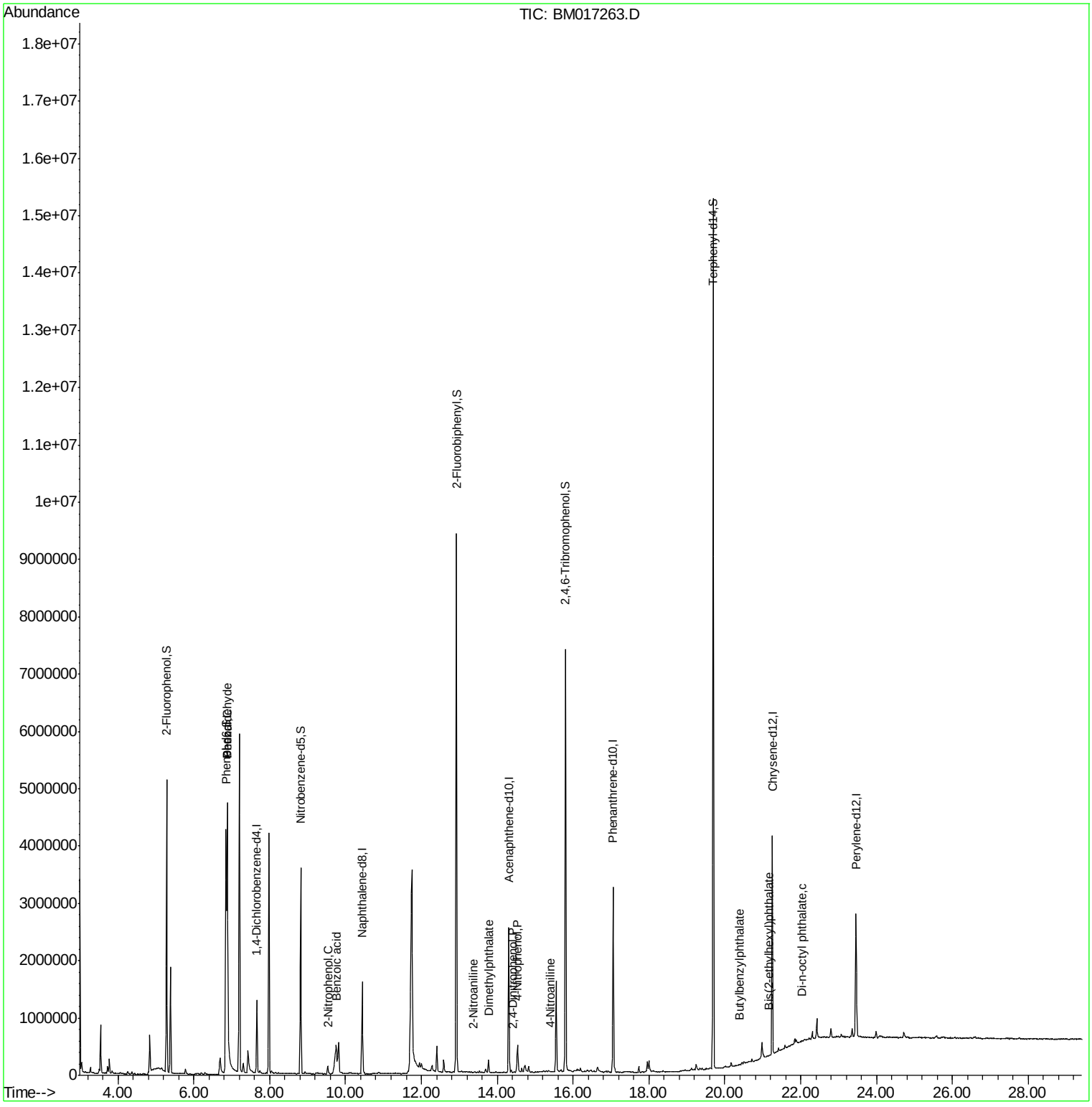
(#) = qualifier out of range (m) = manual integration (+) = signals summed

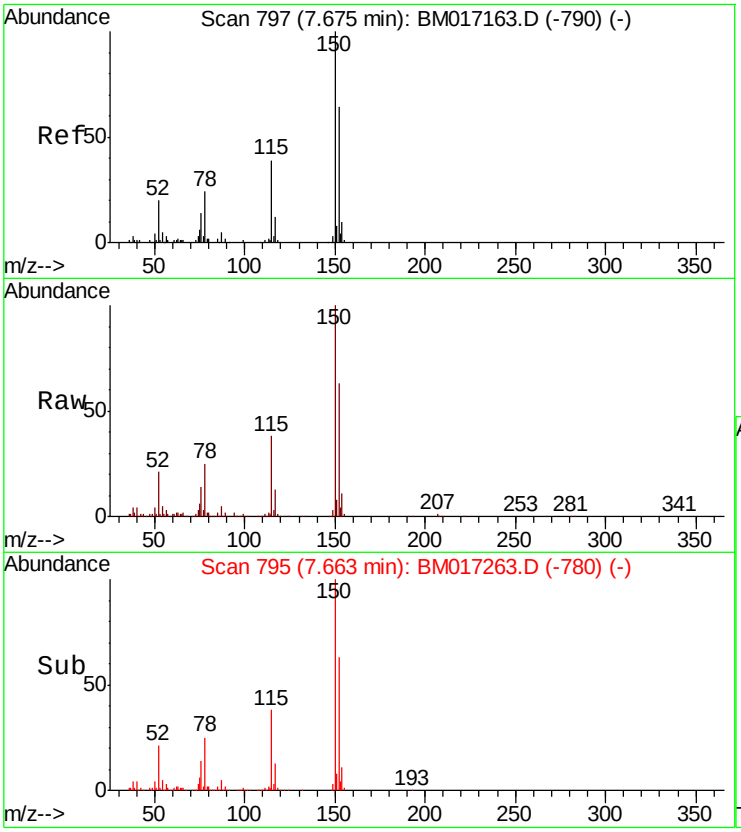
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
Data File : BM017263.D
Acq On : 20 Oct 2018 13:50
Operator : MJ/SJ
Sample : J5538-17
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 22 02:49:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration



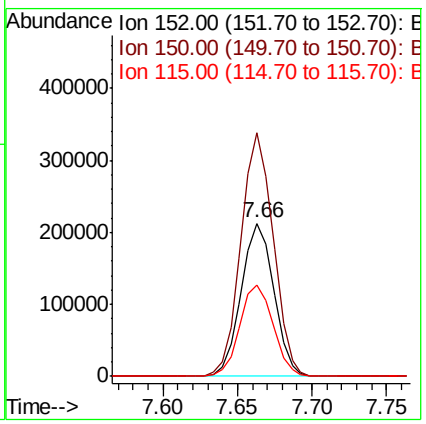


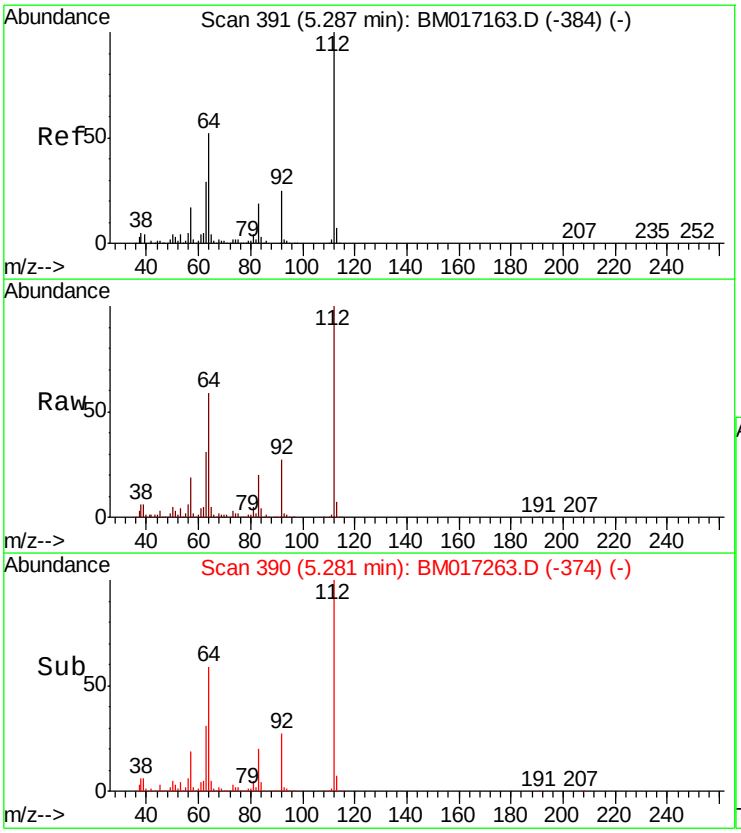
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 322182

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.3	186.5
115	59.9	48.1	72.1

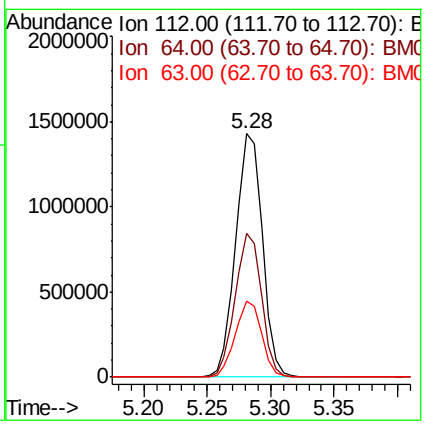


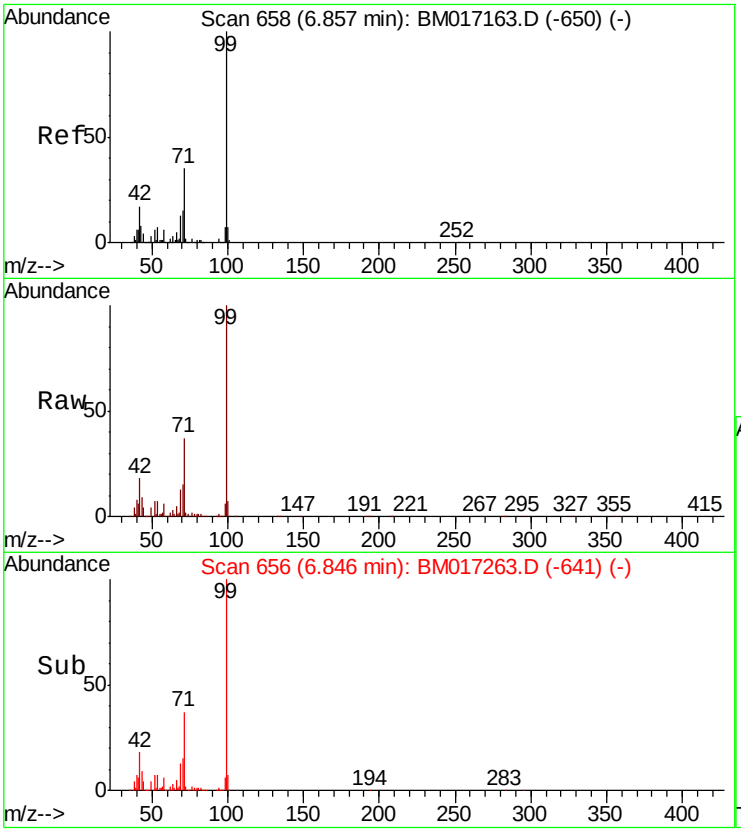


#5
2-Fluorophenol
Concen: 109.589 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Tgt Ion:112 Resp: 2087561

Ion	Ratio	Lower	Upper
112	100		
64	59.2	41.7	62.5
63	31.2	23.0	34.4



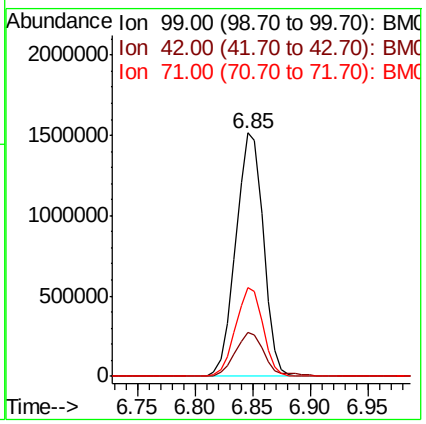


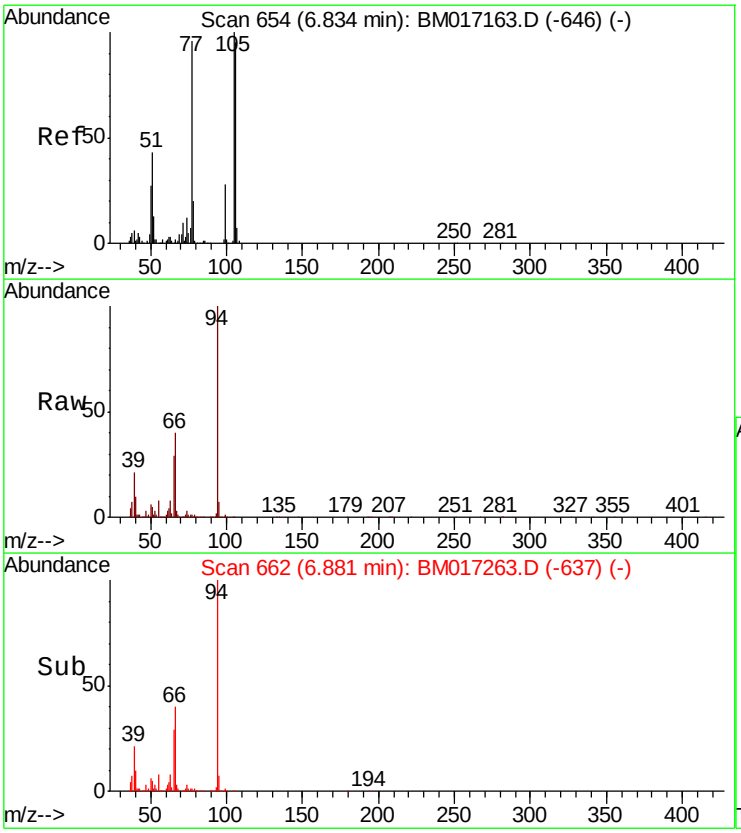
#7
Phenol-d6
Concen: 96.716 ng
RT: 6.85 min Scan# 656
Delta R.T. -0.01 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 2509168

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.3	19.9
71	36.6	28.0	42.0

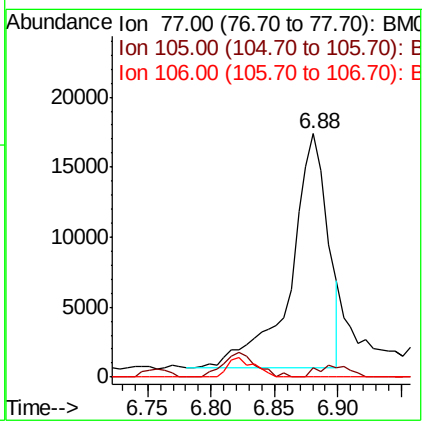


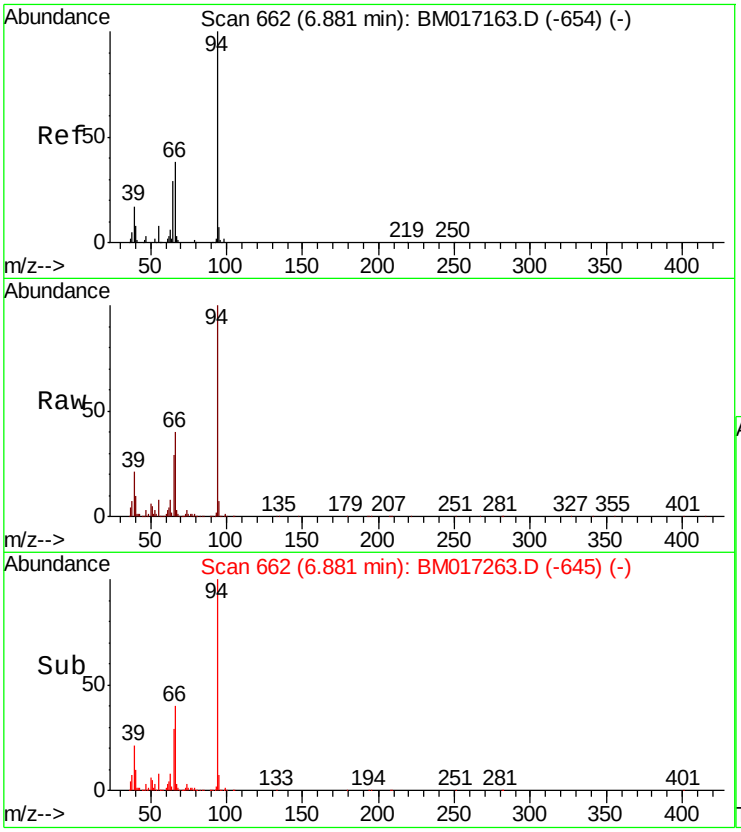


#9
Benzaldehyde
Concen: 2.065 ng
RT: 6.88 min Scan# 662
Delta R.T. 0.05 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Tgt Ion: 77 Resp: 34152

Ion	Ratio	Lower	Upper
77	100		
105	4.1	83.9	123.9#
106	0.0	78.2	118.2#



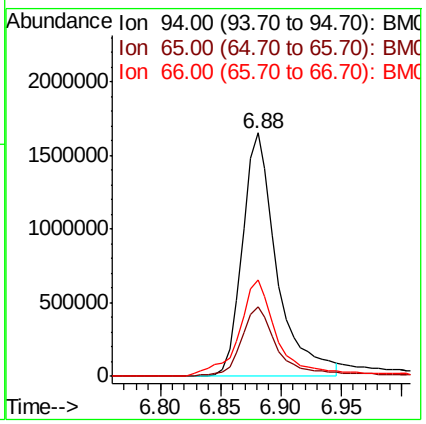


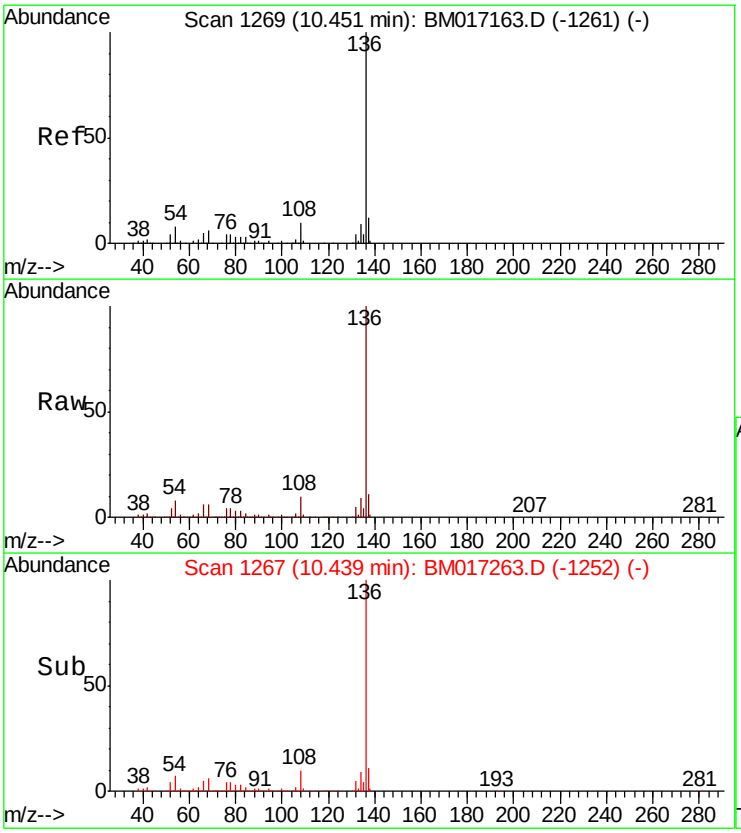
#10
Phenol
Concen: 118.119 ng
RT: 6.88 min Scan# 662
Delta R.T. -0.00 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 3298086

Ion	Ratio	Lower	Upper
94	100		
65	28.5	9.4	49.4
66	39.6	19.0	59.0

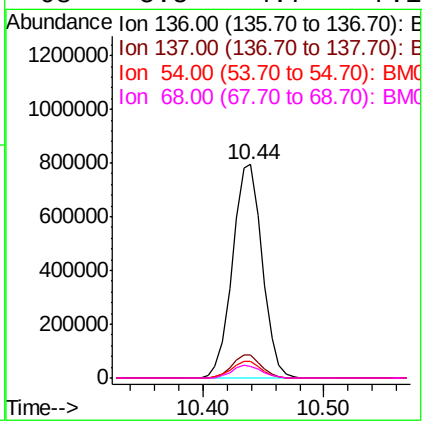


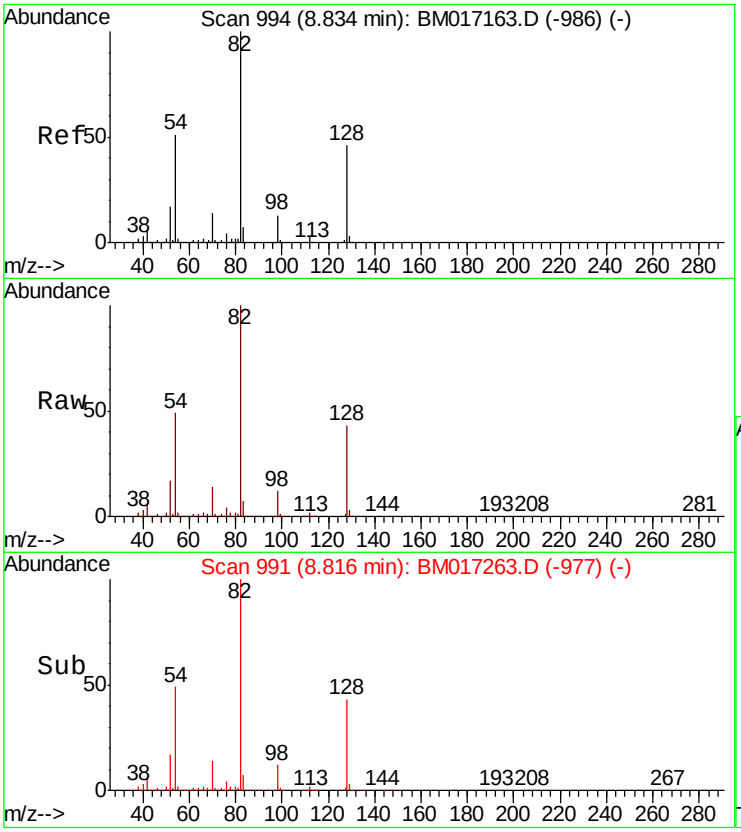


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Tgt Ion:136 Resp: 1362530

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.5	6.7	10.1
68	5.5	4.7	7.1



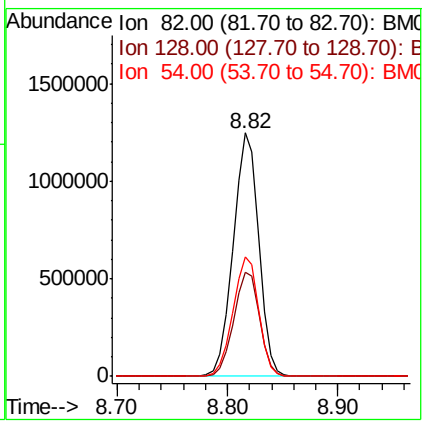


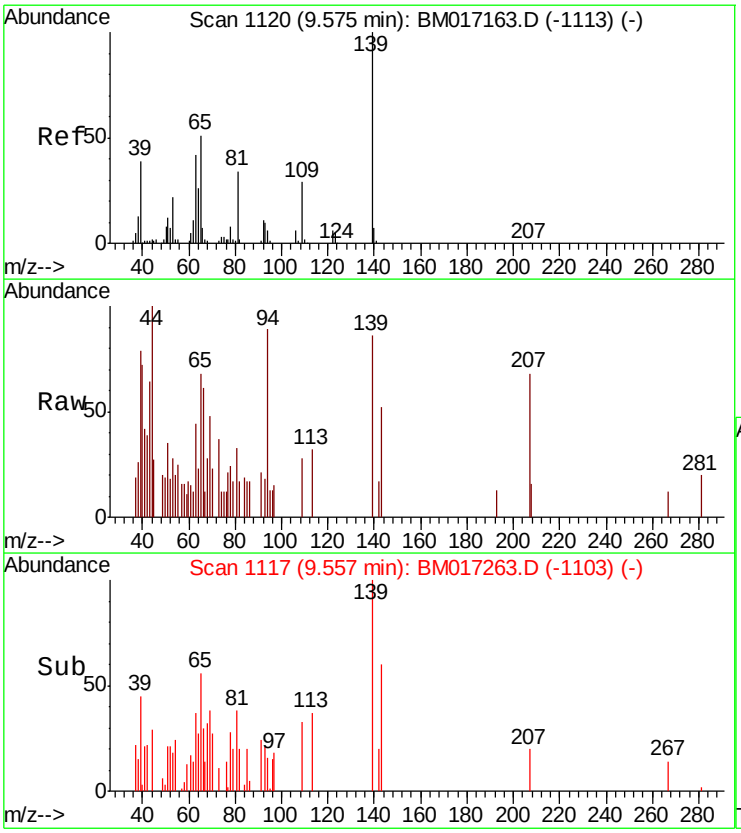
#23
Nitrobenzene-d5
Concen: 87.053 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 2028061

Ion	Ratio	Lower	Upper
82	100		
128	43.0	37.0	55.6
54	48.9	40.7	61.1

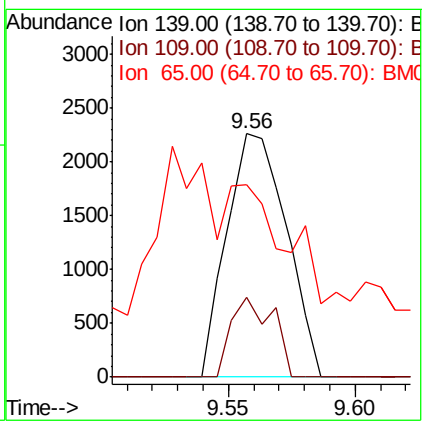


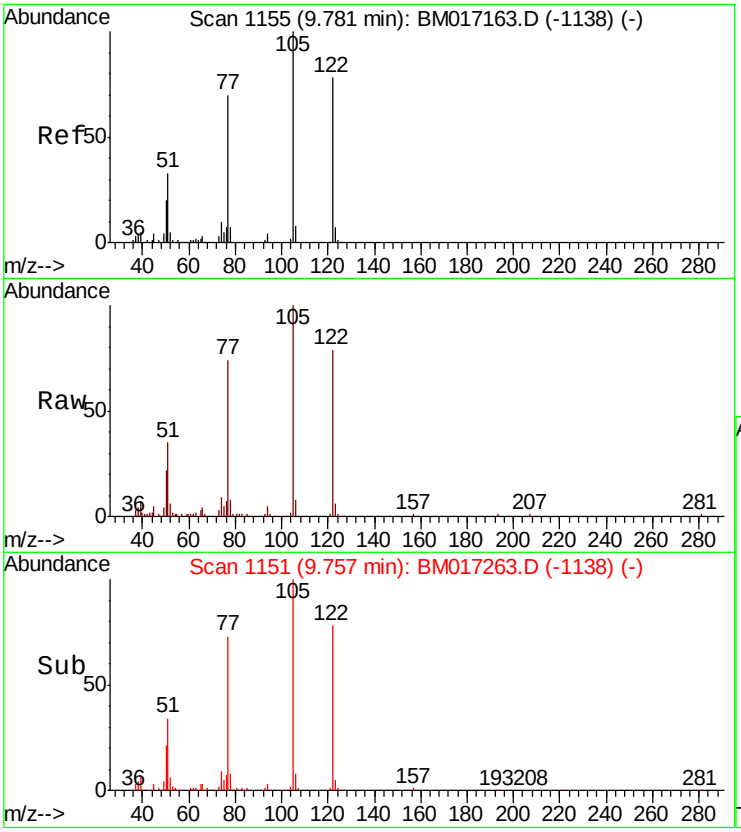


#26
2-Nitrophenol
Concen: 5.987 ng
RT: 9.56 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Tgt Ion:139 Resp: 3713

Ion	Ratio	Lower	Upper
139	100		
109	32.5	23.2	34.8
65	79.1	40.6	61.0#



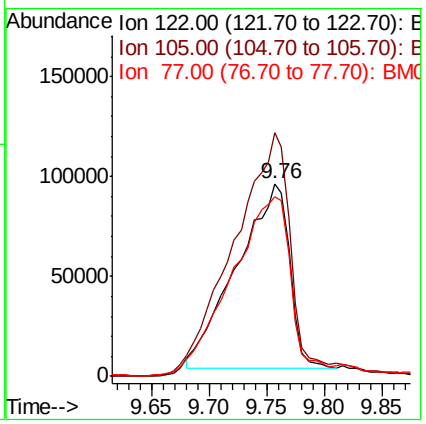


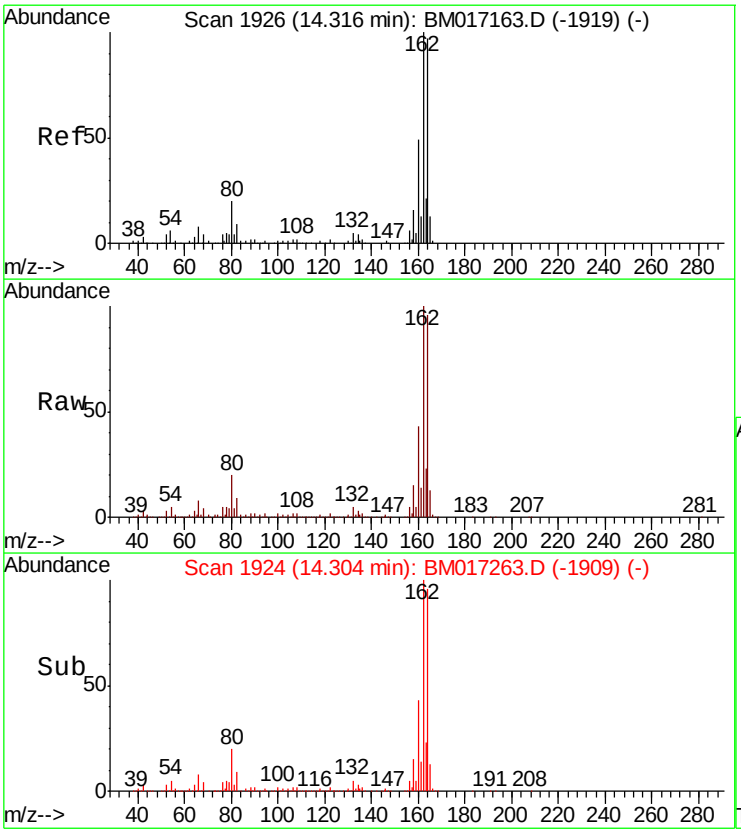
#32
Benzoic acid
Concen: 23.162 ng
RT: 9.76 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:122 Resp: 293983

Ion	Ratio	Lower	Upper
122	100		
105	126.4	102.0	142.0
77	93.4	67.7	107.7

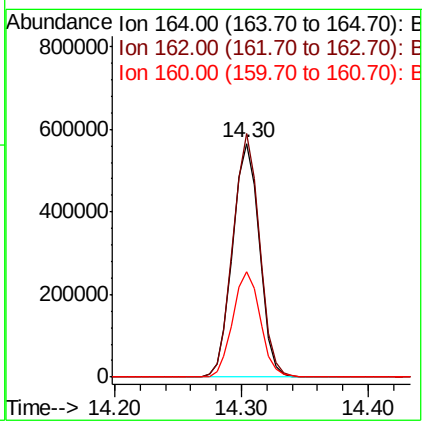


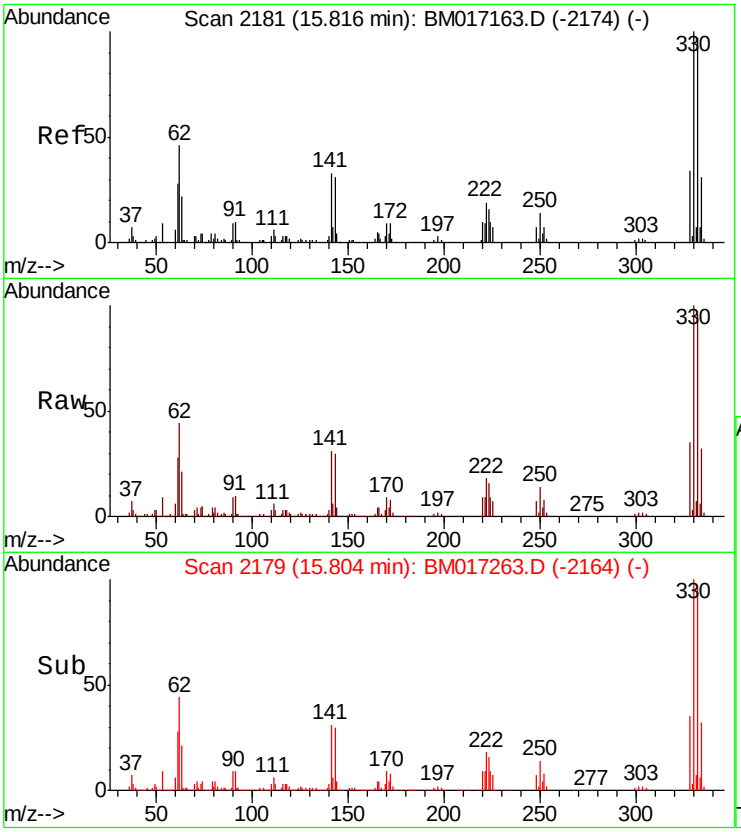


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Tgt Ion:164 Resp: 824457

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.1	123.1
160	45.0	40.2	60.2



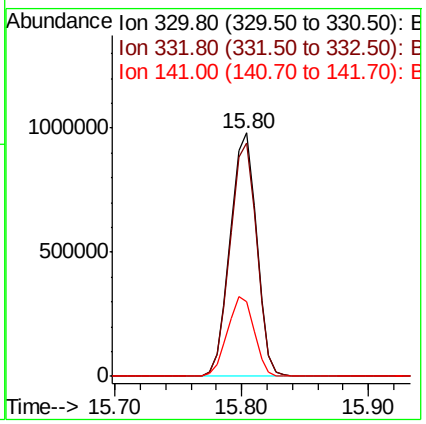


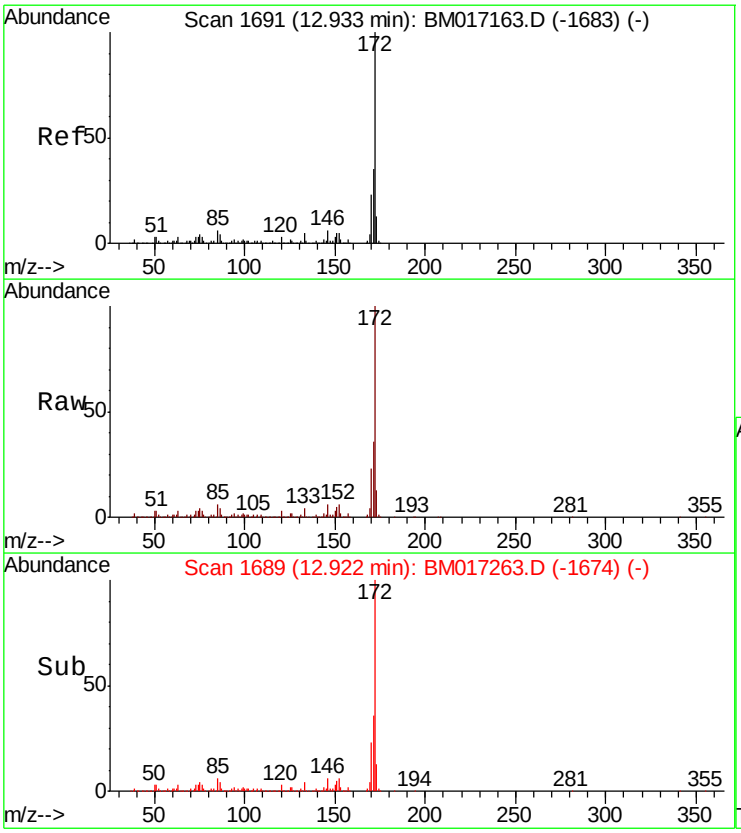
#42
2,4,6-Tribromophenol
Concen: 126.796 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 1413720

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	33.2	27.4	41.0

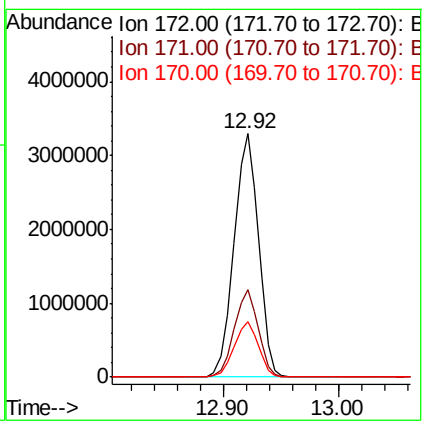


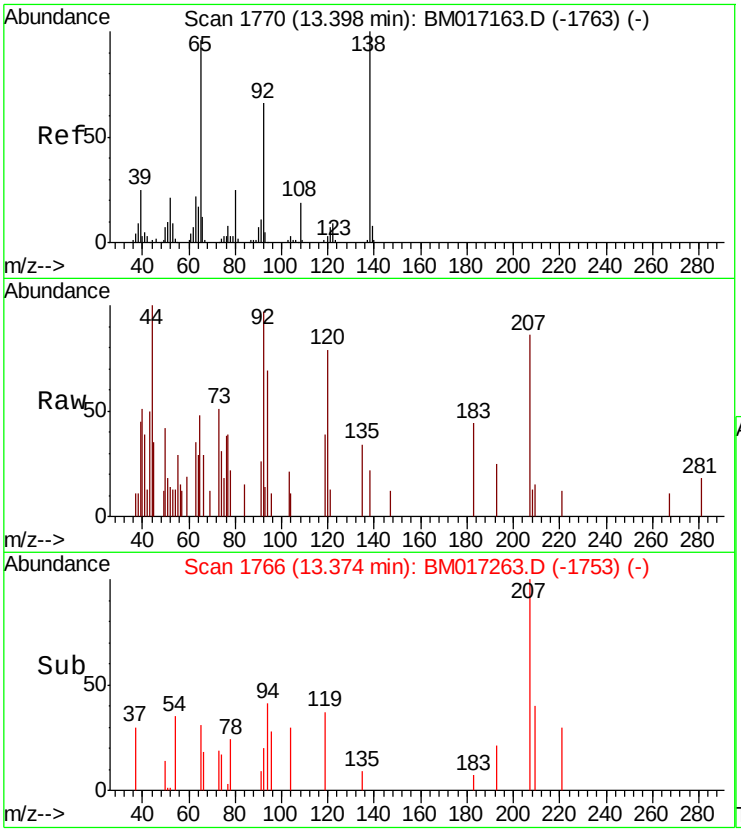


#45
2-Fluorobiphenyl
Concen: 77.836 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Tgt Ion:172 Resp: 4823020

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.3	42.5
170	22.9	18.3	27.5



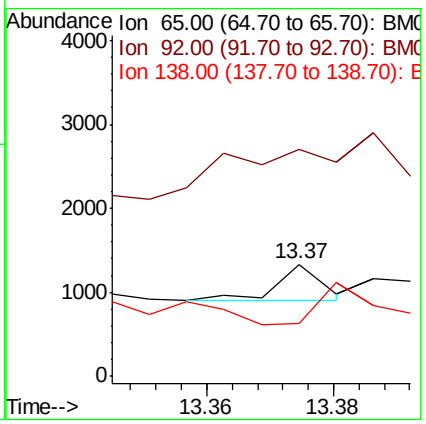


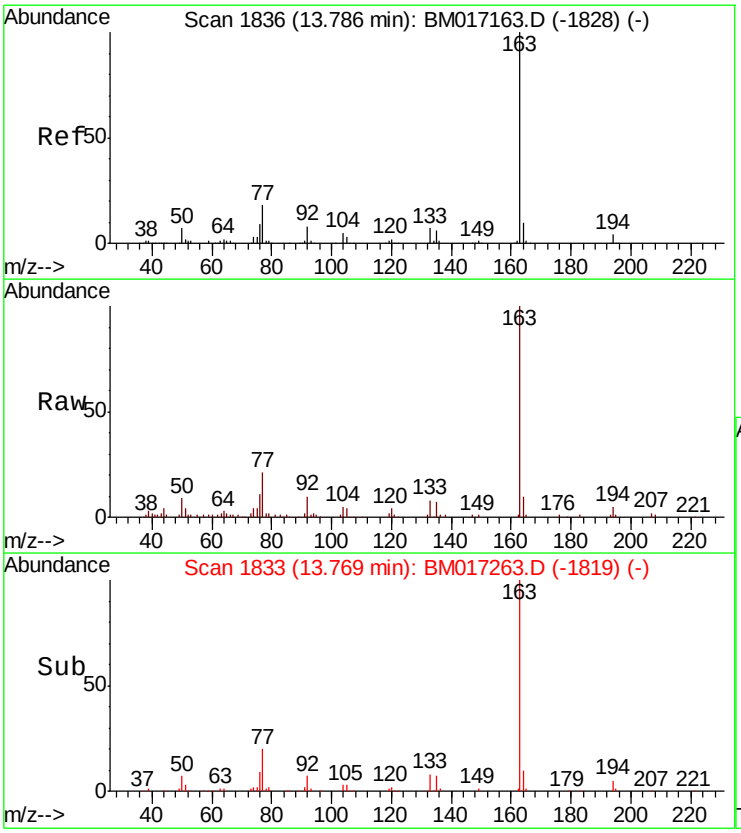
#48
2-Nitroaniline
Concen: 5.700 ng
RT: 13.37 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 65 Resp: 217

Ion	Ratio	Lower	Upper
65	100		
92	202.0	54.9	82.3#
138	46.7	83.7	125.5#

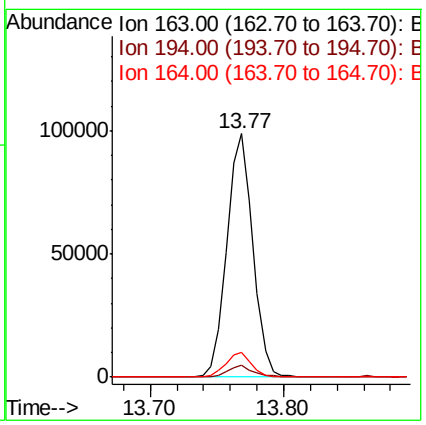


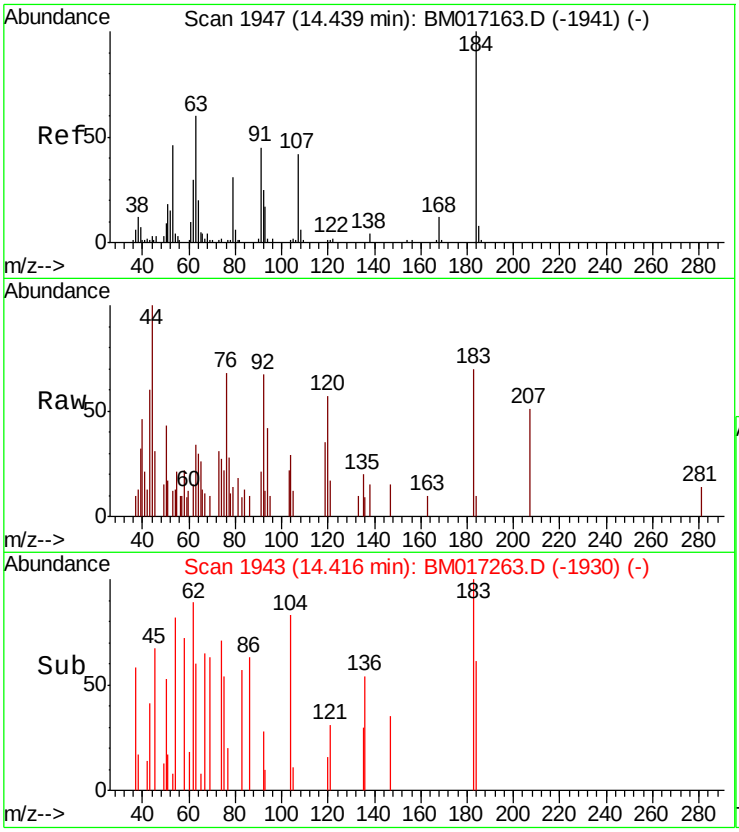


#50
Dimethylphthalate
Concen: 2.119 ng
RT: 13.77 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Tgt Ion:163 Resp: 134774

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.3	4.9
164	10.1	7.8	11.8



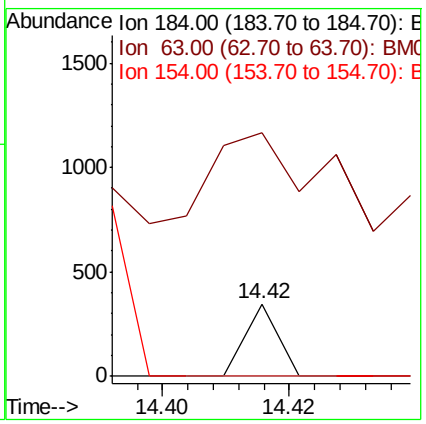


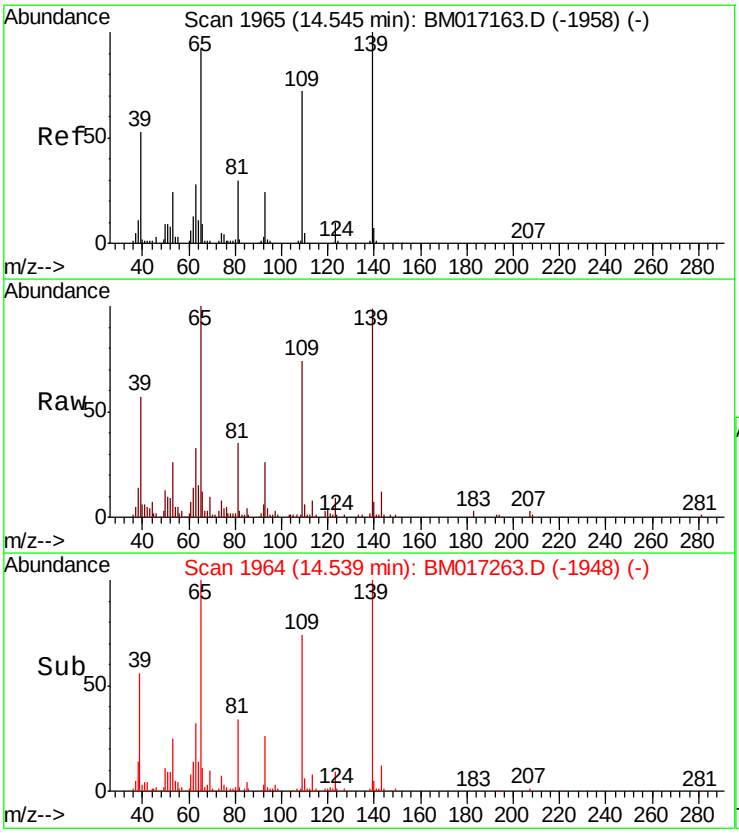
#54
2,4-Dinitrophenol
Concen: 8.240 ng
RT: 14.42 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 122

Ion	Ratio	Lower	Upper
184	100		
63	338.0	51.2	76.8#
154	0.0	47.8	71.8#

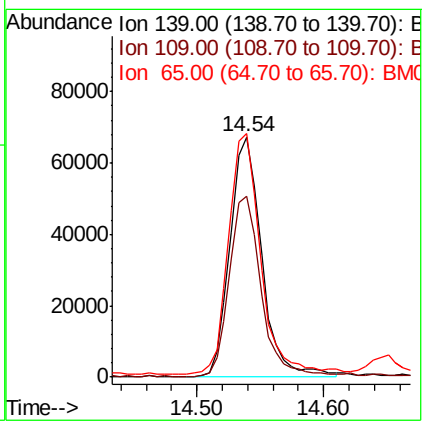


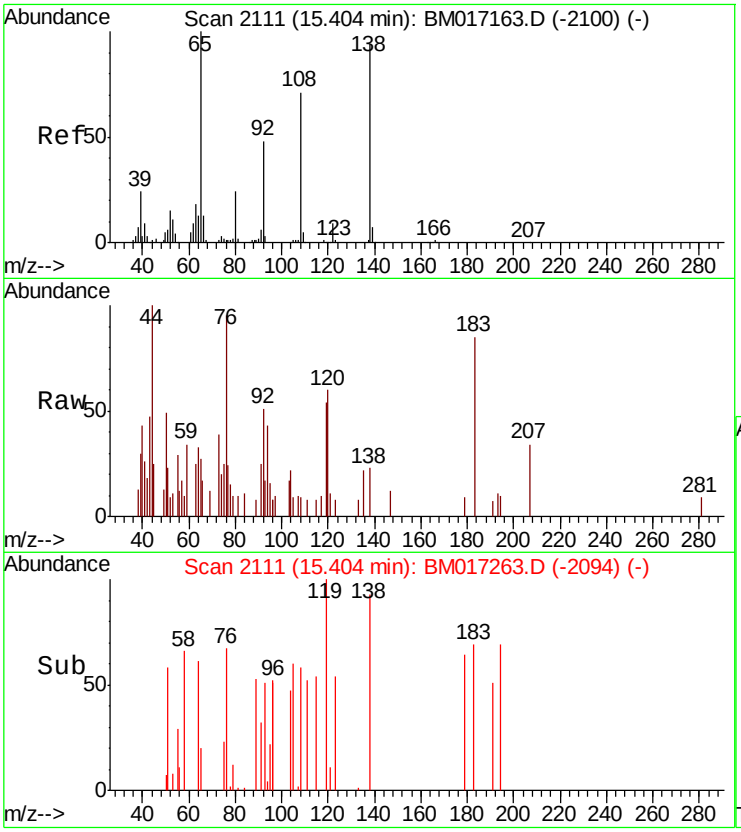


#56
4-Nitrophenol
Concen: 12.672 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Tgt Ion:139 Resp: 116812

Ion	Ratio	Lower	Upper
139	100		
109	75.3	51.8	91.8
65	101.3	72.1	112.1



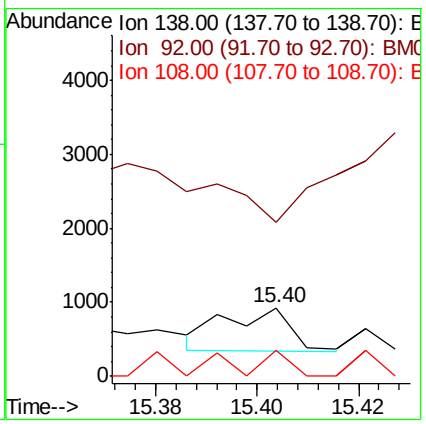


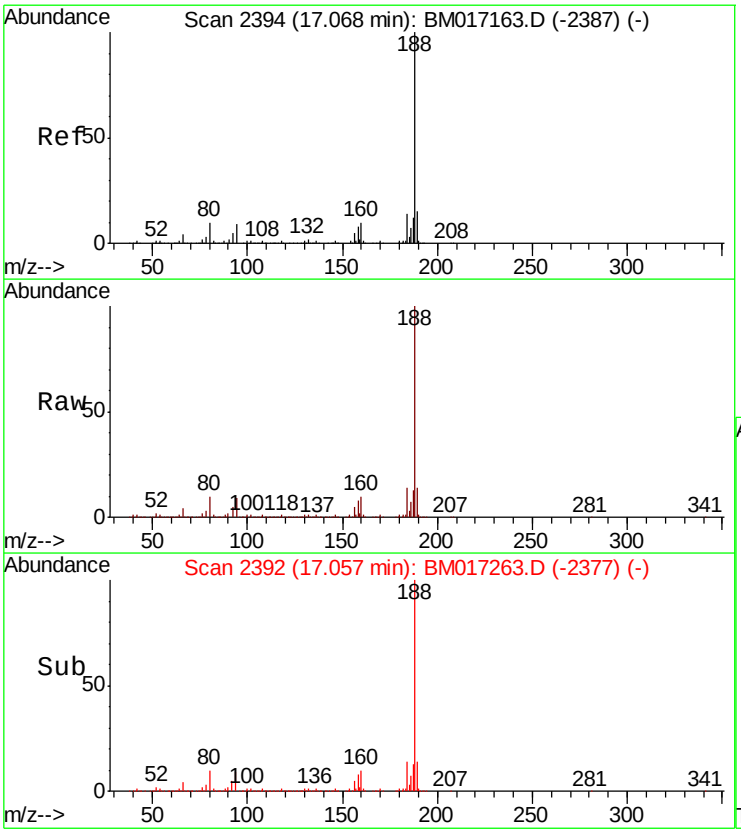
#62
4-Nitroaniline
Concen: 4.782 ng
RT: 15.40 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 515

Ion	Ratio	Lower	Upper
138	100		
92	223.6	31.2	71.2#
108	37.4	55.5	95.5#

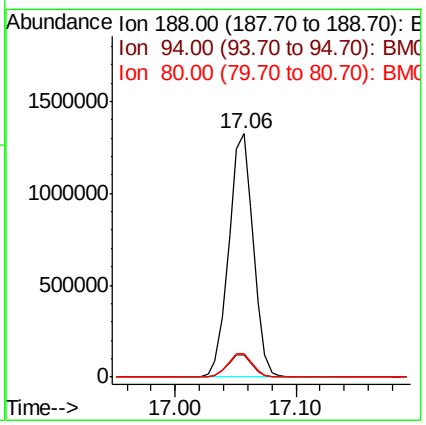


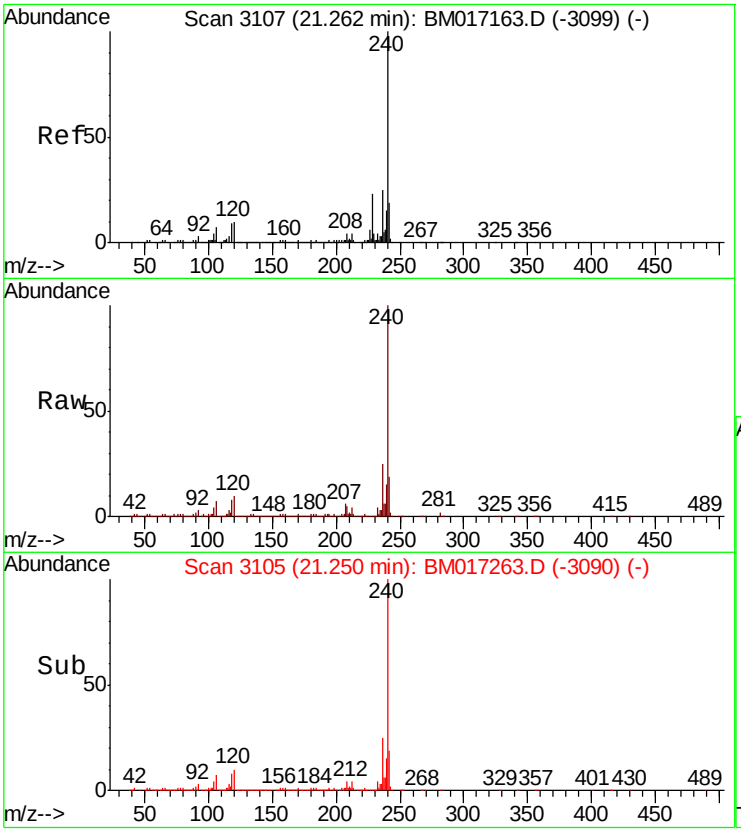


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Tgt Ion:188 Resp: 1857725

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.4
80	9.7	7.7	11.5



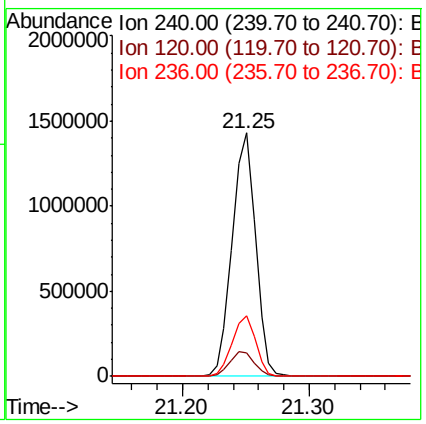


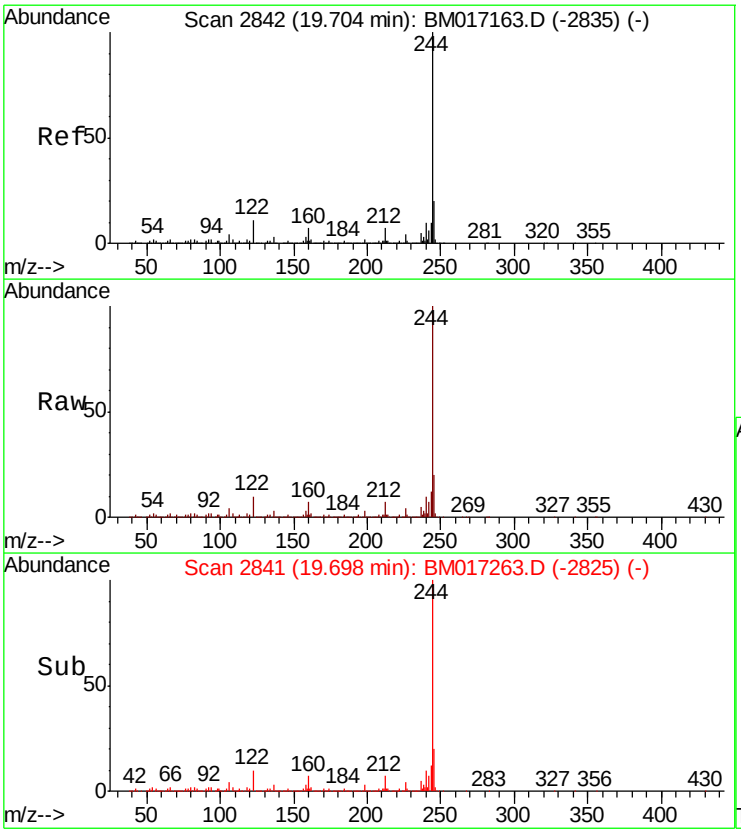
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 1822994

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.1	12.1
236	24.7	19.9	29.9

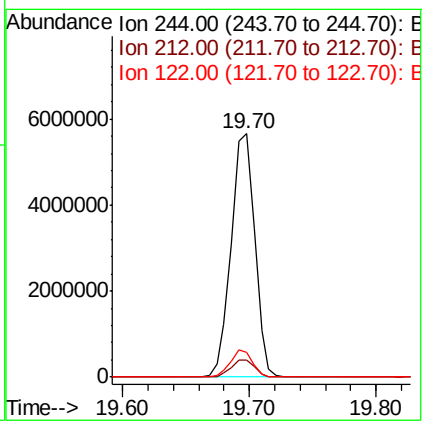


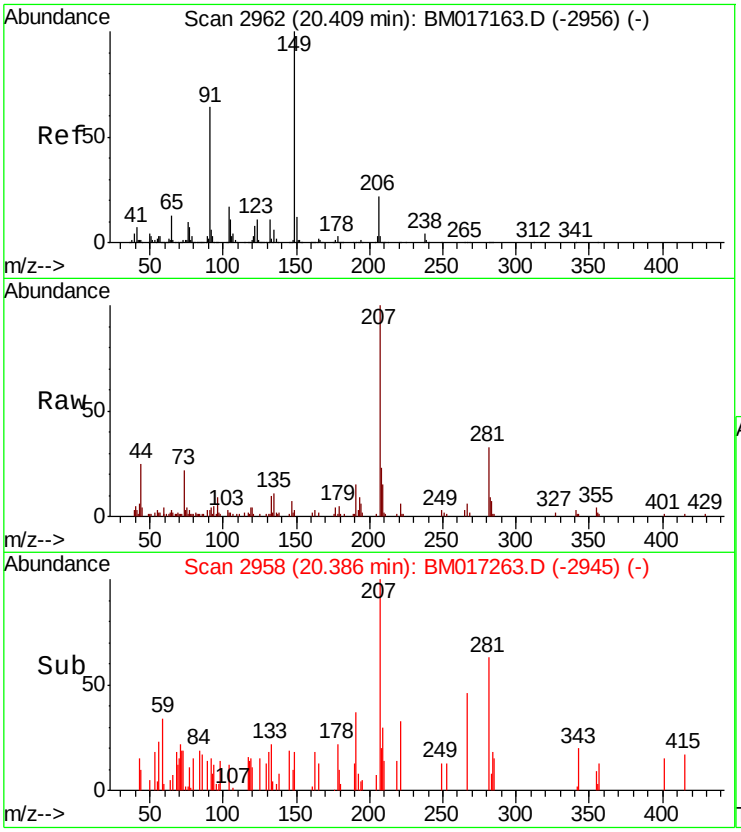


#79
Terphenyl-d14
Concen: 89.801 ng
RT: 19.70 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Tgt Ion:244 Resp: 7262912

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	10.0	8.4	12.6



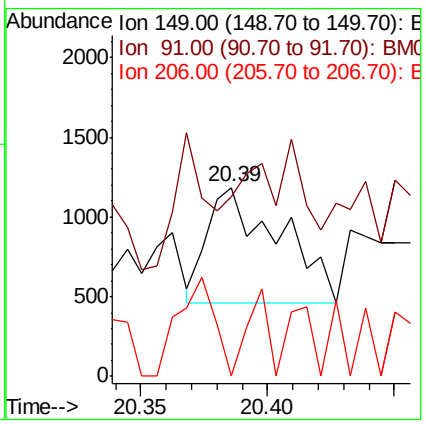


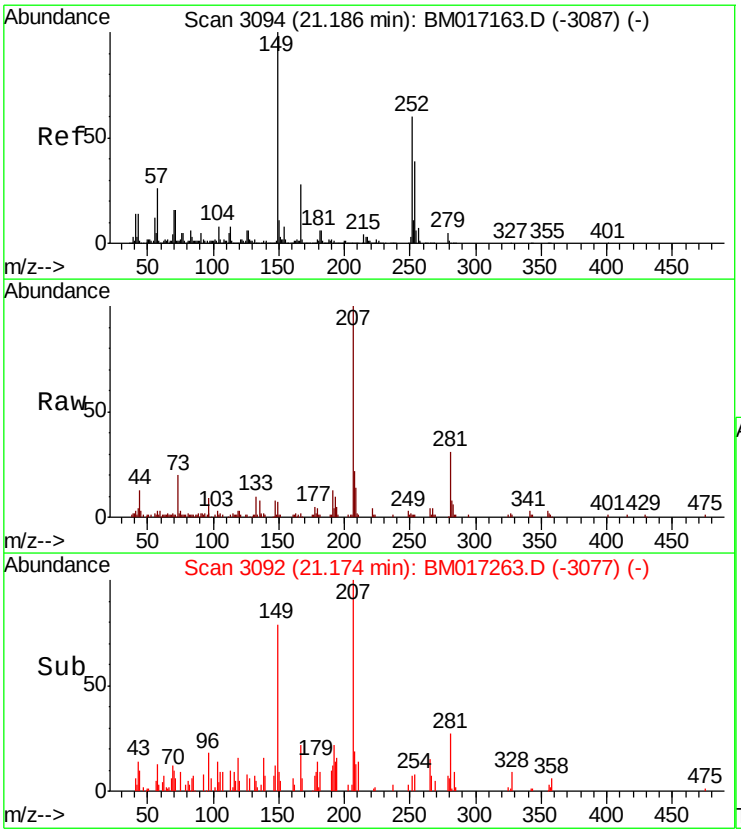
#80
Butylbenzylphthalate
Concen: 7.207 ng
RT: 20.39 min Scan# 2958
Delta R.T. -0.02 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1429

Ion	Ratio	Lower	Upper
149	100		
91	95.3	51.3	76.9#
206	0.0	18.0	27.0#

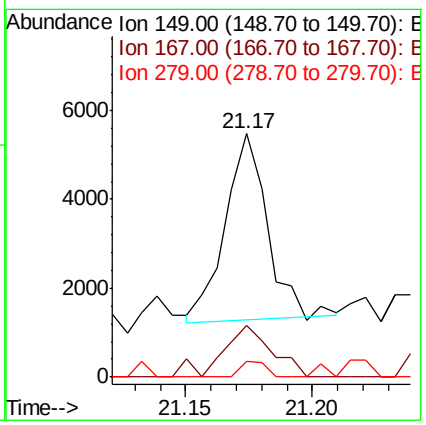


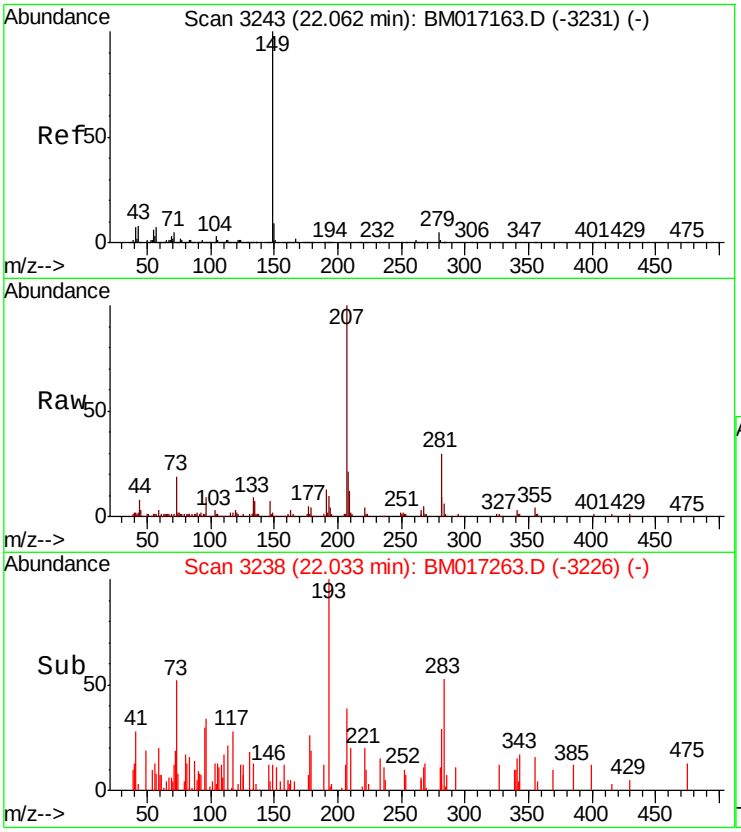


#84
Bis(2-ethylhexyl)phthalate
Concen: 5.381 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Tgt Ion:149 Resp: 4872

Ion	Ratio	Lower	Upper
149	100		
167	21.4	22.2	33.4#
279	6.7	3.6	5.4#



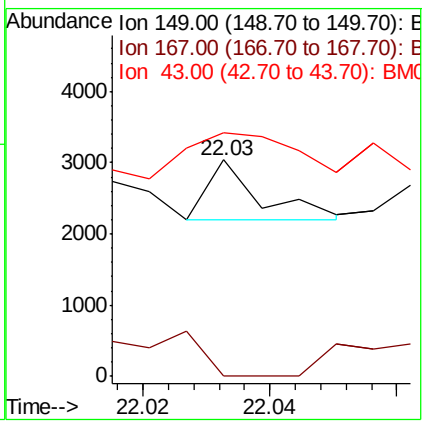


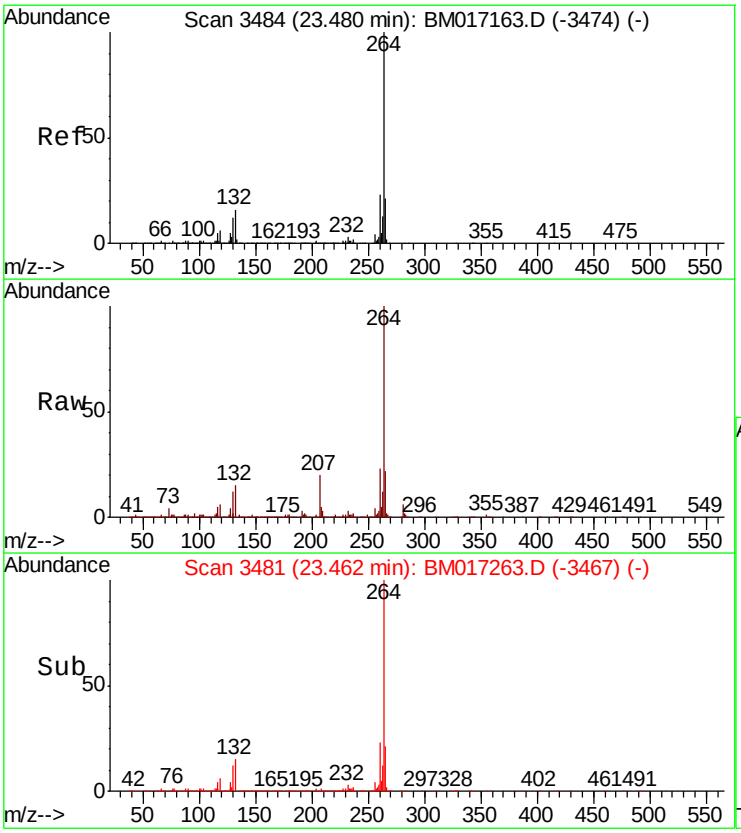
#85
Di-n-octyl phthalate
Concen: 5.576 ng
RT: 22.03 min Scan# 3238
Delta R.T. -0.03 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 490

Ion	Ratio	Lower	Upper
149	100		
167	110.2	1.4	2.0#
43	179.0	7.2	10.8#





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Tgt Ion:264 Resp: 1605067

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	22.1	17.8	26.8