Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021119\
Data File : BM018762.D
Acq On : 11 Feb 2019 17:53
Operator : JU/SJ
Sample : PB116997BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB116995BL

Quant Time: Feb 12 00:43:51 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	7.72	152	310889	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	1180063	20.00	ng		0.00
39) Acenaphthene-d10	14.36	164	630537	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	1385603	20.00	ng		0.00
76) Chrysene-d12	21.30	240	1146927	20.00	ng		0.00
87) Perylene-d12	23.57	264	916805	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	2546170	134.19	ng		0.00
7) Phenol-d6	6.89	99	3395893	127.04	ng		0.00
23) Nitrobenzene-d5	8.88	82	2174790	85.22	ng		0.00
42) 2,4,6-Tribromophenol	15.86	330	1142414	125.69	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	4251789	89.51	ng		0.00
79) Terphenyl-d14	19.74	244	5697753	102.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	59	0.007	ng	#	1
3) Pyridine	3.64	79	107	0.005	ng	#	1
4) n-Nitrosodimethylamine	3.56	42	276	0.048	ng	#	1
6) Aniline	7.06	93	749	0.023	ng	#	50
8) 2-Chlorophenol	7.29	128	522	0.025	ng	#	1
9) Benzaldehyde	6.89	77	7623	Below Cal		#	7
10) Phenol	6.90	94	435	0.015	ng	#	1
15) Benzyl Alcohol	8.03	79	33467	1.576	ng	#	51
24) Nitrobenzene	8.88	77	8120	0.307	ng	#	41
25) Isophorone	9.44	82	510	0.013	ng	#	68
46) 1,1'-Biphenyl	13.20	154	6487	0.120	ng		84
52) Acenaphthene	14.36	154	2317	0.061	ng	#	4
60) Diethylphthalate	15.19	149	150	0.003	ng	#	59
63) Azobenzene	15.69	77	109	0.002	ng	#	57
71) Phenanthrene	17.17	178	120	0.002	ng	#	60
72) Anthracene	17.17	178	120	0.002	ng	#	61
74) Di-n-butylphthalate	18.09	149	1734	0.020	ng	#	70
77) Benzidine	19.39	184	16273	0.630	ng		95
80) Butylbenzylphthalate	20.44	149	735	0.024	ng	#	61
81) Benzo(a)anthracene	21.30	228	3142	0.047	ng	#	73
82) 3,3'-Dichlorobenzidine	21.23	252	134	0.005	ng	#	26
83) Chrysene	21.30	228	3142	0.049	ng	#	71
84) Bis(2-ethylhexyl)phthalate	21.22	149	227	0.005	ng	#	53
85) Di-n-octyl phthalate	22.10	149	395	0.005	ng	#	1
88) Benzo(b)fluoranthene	22.88	252	222	0.004	ng	#	1
89) Benzo(k)fluoranthene	22.92	252	691	0.013	ng	#	1
90) Benzo(a)pyrene	23.48	252	559	0.011	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021119\
Data File : BM018762.D
Acq On : 11 Feb 2019 17:53
Operator : JU/SJ
Sample : PB116997BL
Misc :
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Instrument :
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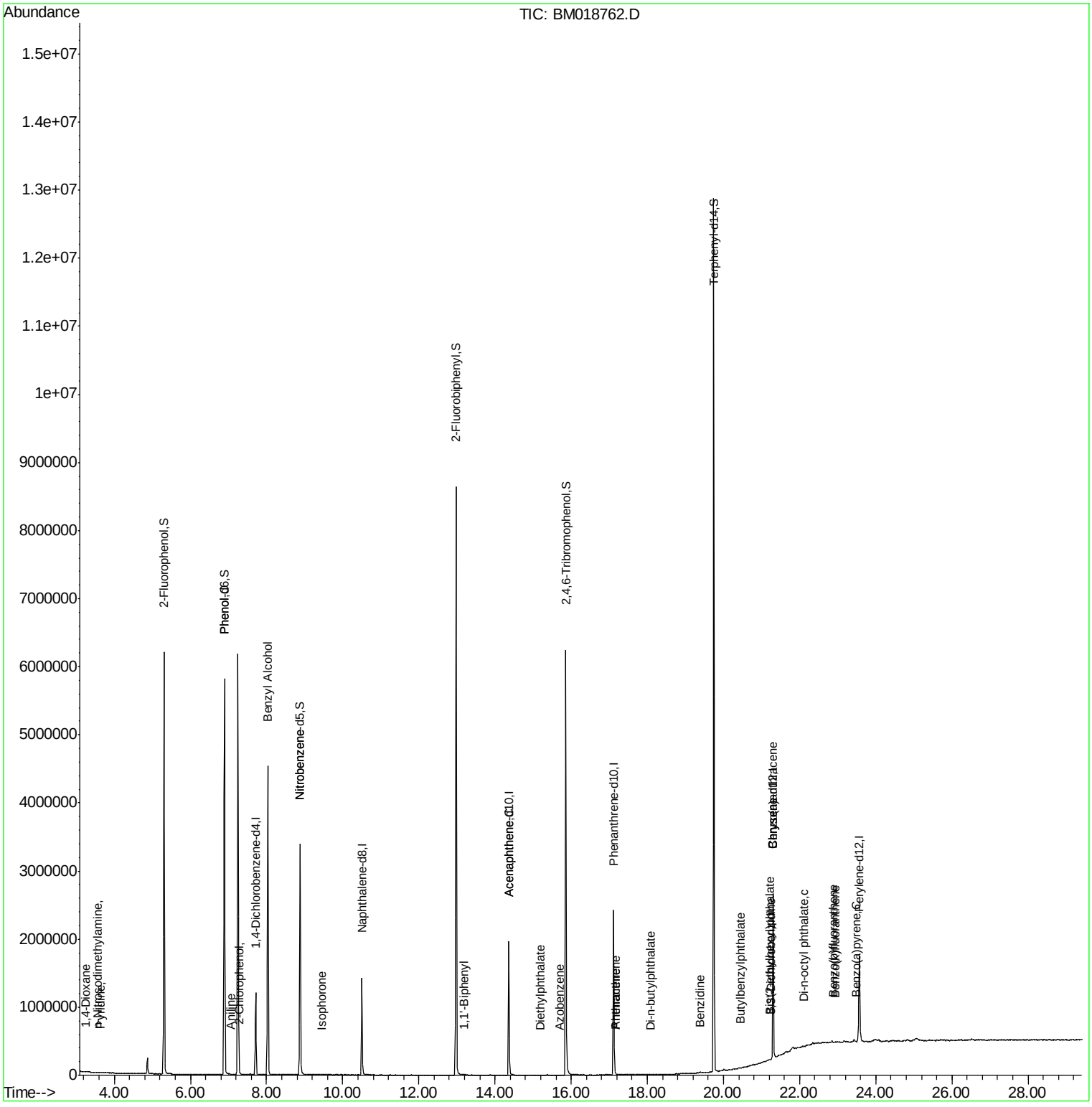
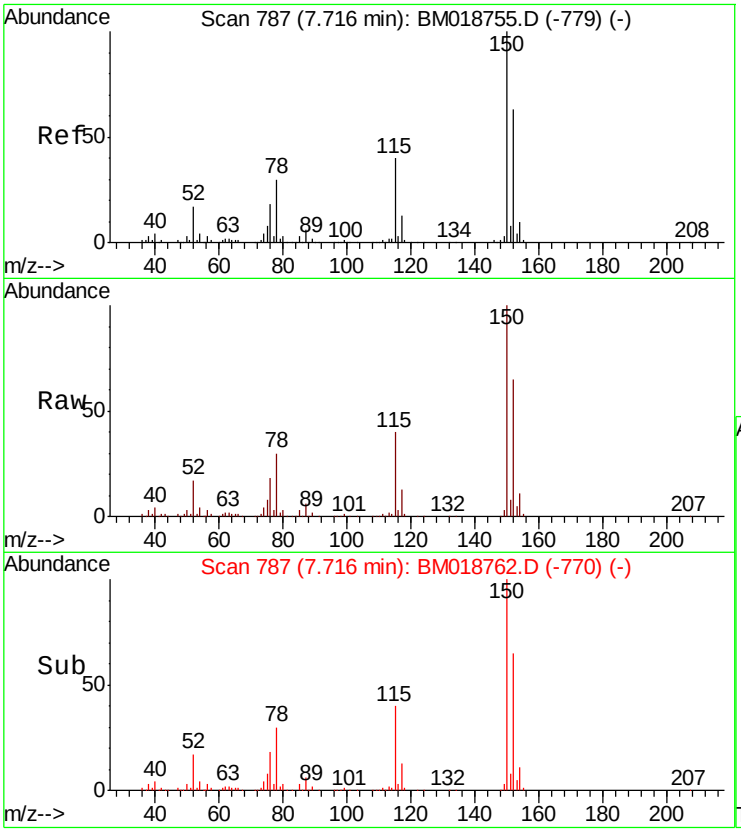
PB116995BL

Quant Time: Feb 12 00:43:51 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



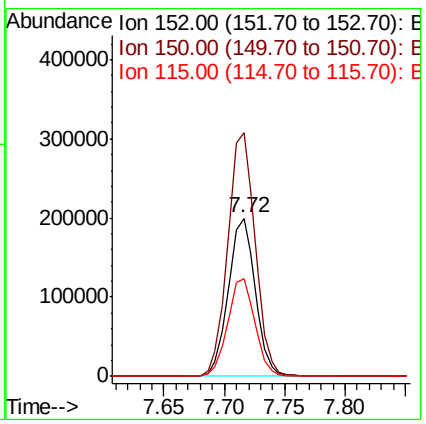


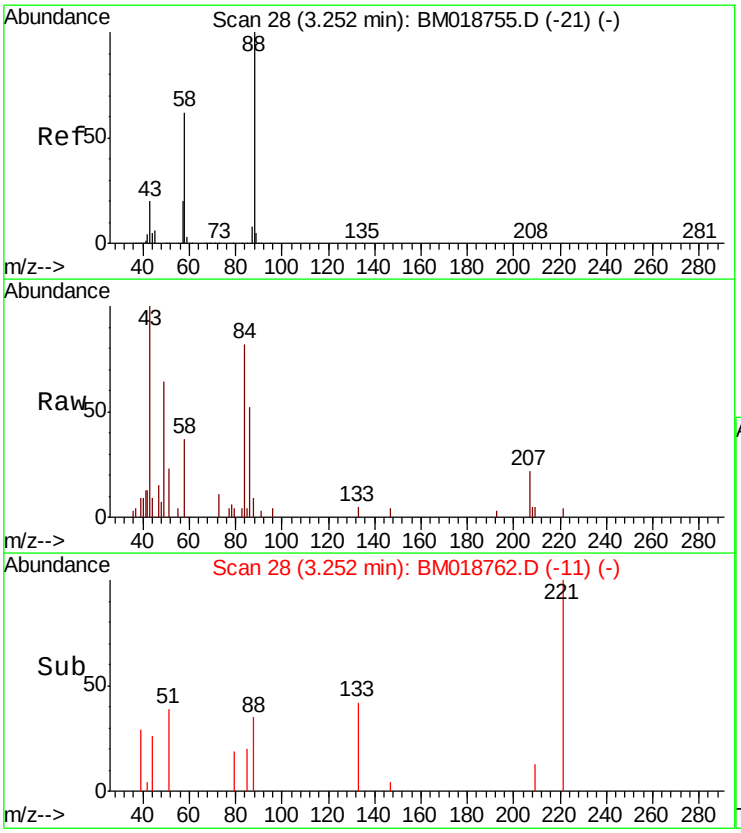
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB116995BL

Tgt Ion:152 Resp: 310889

Ion	Ratio	Lower	Upper
152	100		
150	153.7	127.3	190.9
115	61.4	50.8	76.2

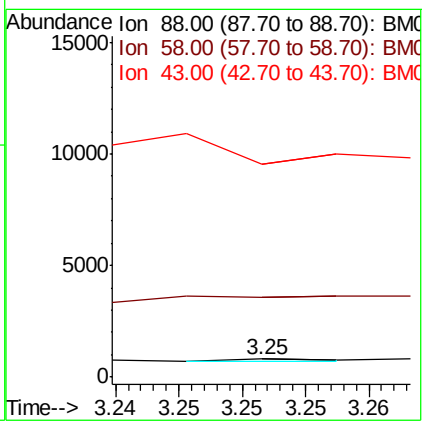


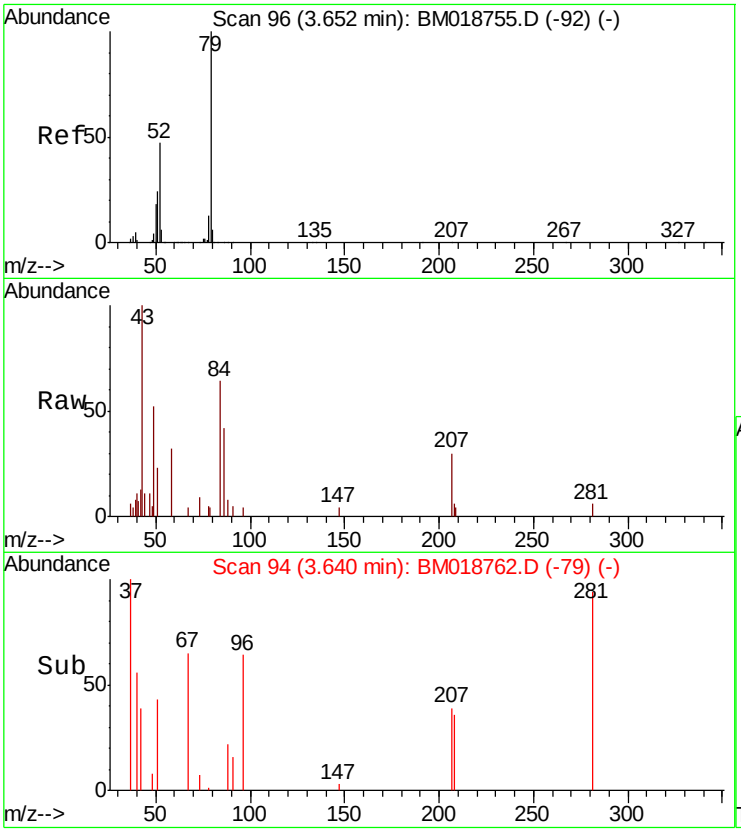


#2
1,4-Dioxane
Concen: 0.007 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Tgt Ion: 88 Resp: 59

Ion	Ratio	Lower	Upper
88	100		
58	1069.5	49.8	74.6#
43	2415.3	16.7	25.1#



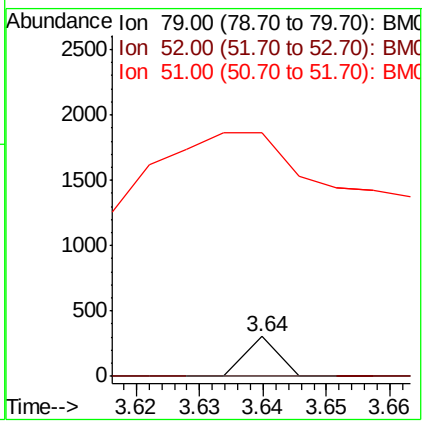


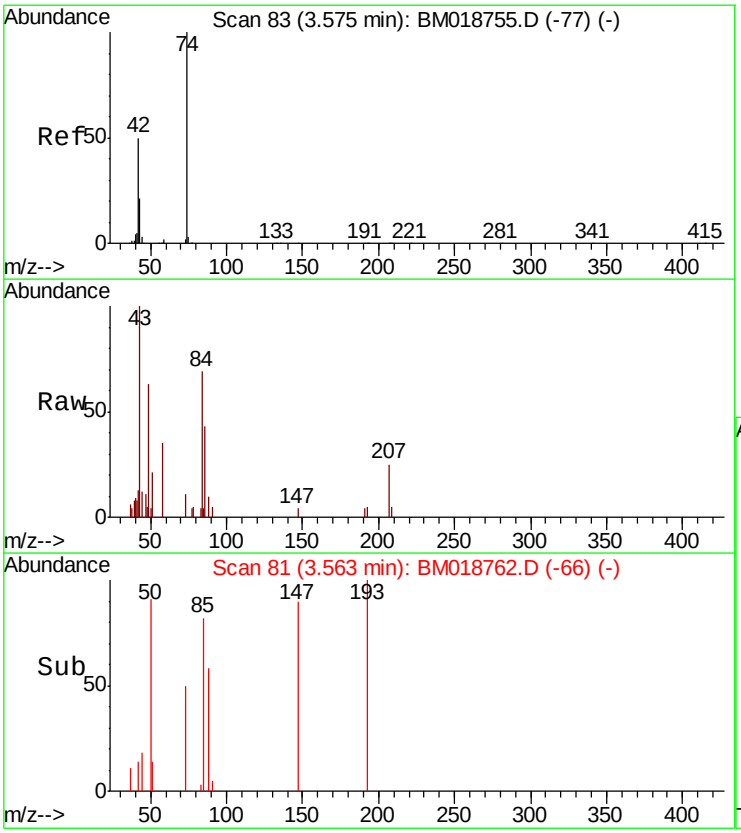
#3
Pyridine
Concen: 0.005 ng
RT: 3.64 min Scan# 94
Delta R.T. -0.01 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB116995BL

Tgt Ion: 79 Resp: 107

Ion	Ratio	Lower	Upper
79	100		
52	0.0	37.6	56.4#
51	616.2	19.7	29.5#

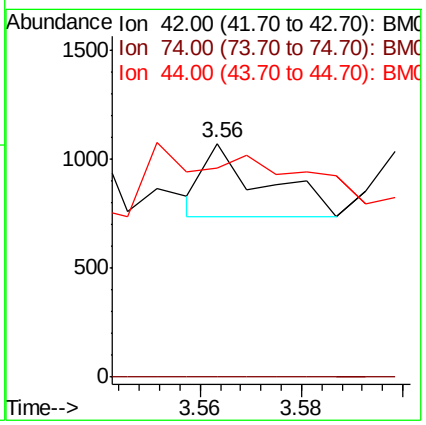


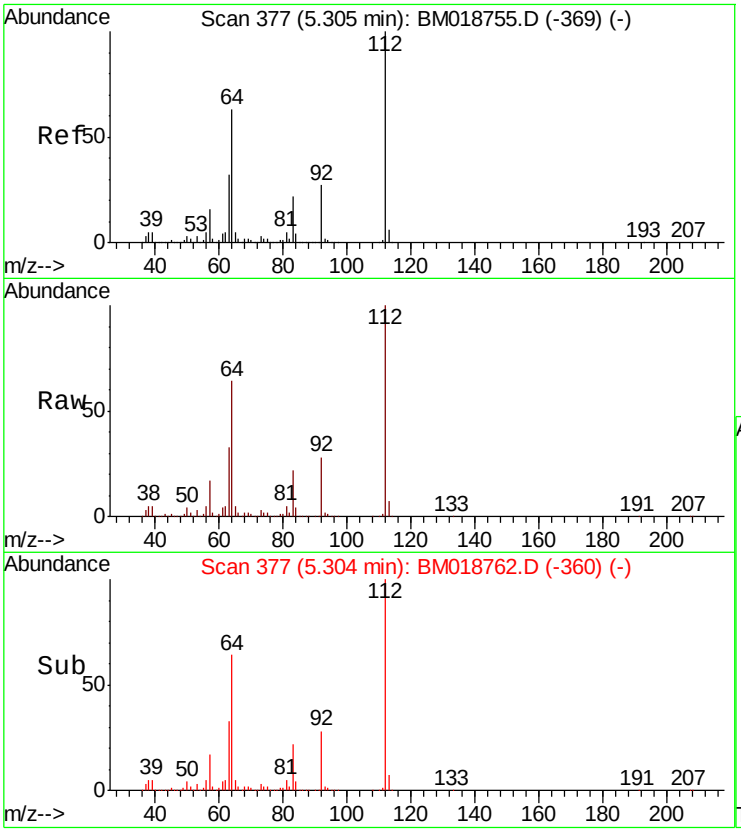


#4
n-Nitrosodimethylamine
Concen: 0.048 ng
RT: 3.56 min Scan# 81
Delta R.T. -0.01 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Tgt Ion: 42 Resp: 276

Ion	Ratio	Lower	Upper
42	100		
74	0.0	158.1	237.1#
44	89.7	4.9	7.3#



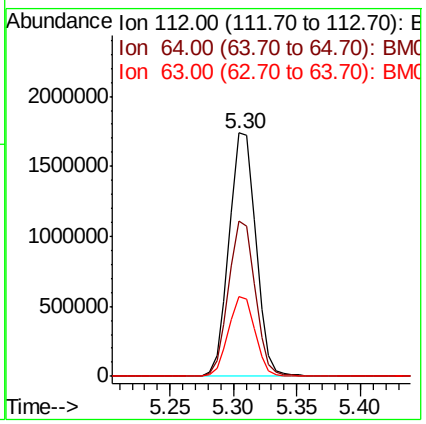


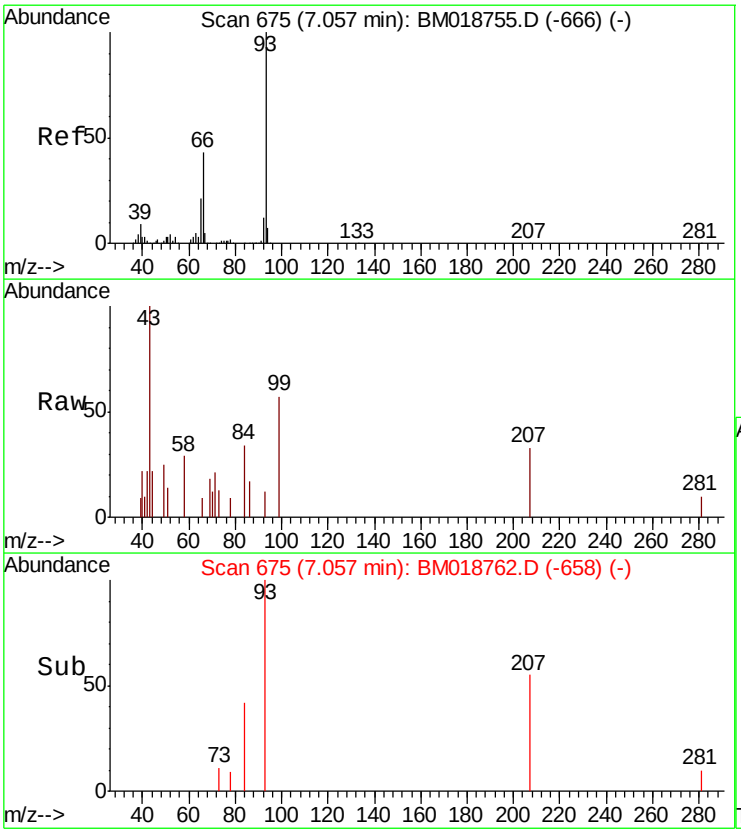
#5
2-Fluorophenol
Concen: 134.190 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB116995BL

Tgt Ion:112 Resp: 2546170

Ion	Ratio	Lower	Upper
112	100		
64	63.8	50.6	75.8
63	32.8	25.7	38.5

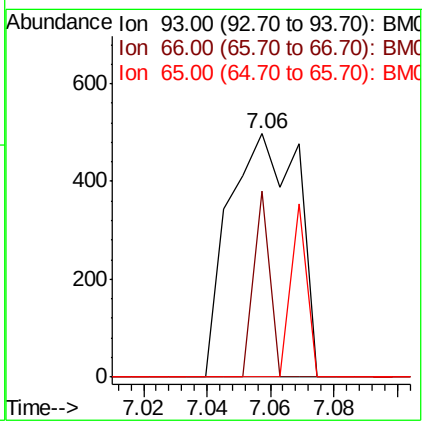


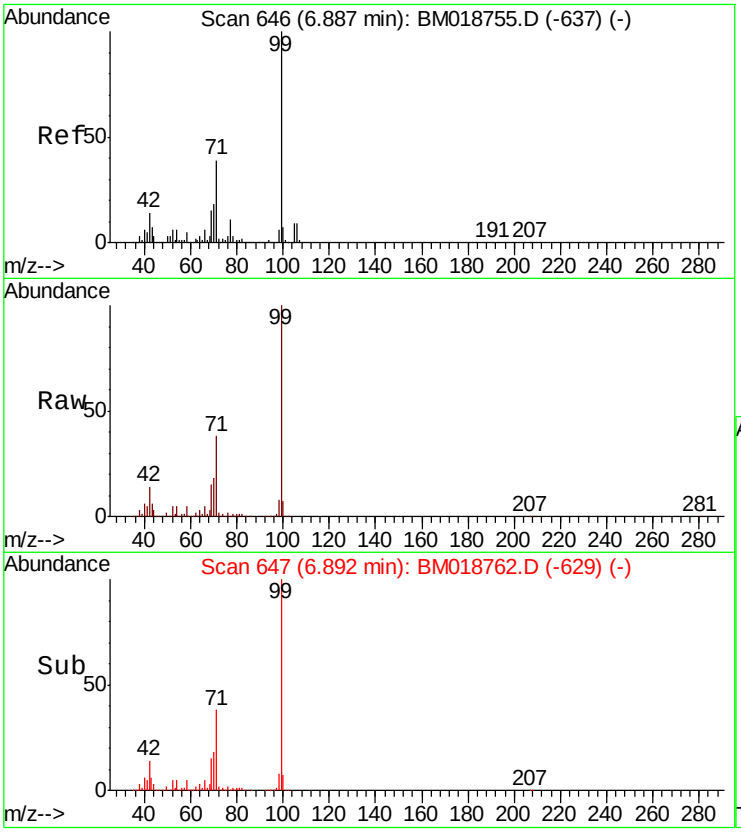


#6
Aniline
Concen: 0.023 ng
RT: 7.06 min Scan# 675
Delta R.T. -0.00 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Tgt Ion: 93 Resp: 749

Ion	Ratio	Lower	Upper
93	100		
66	76.5	34.1	51.1#
65	0.0	16.6	24.8#



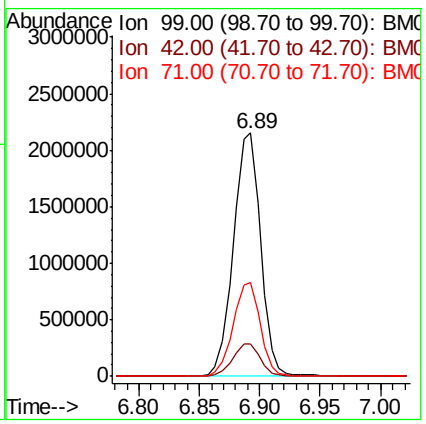


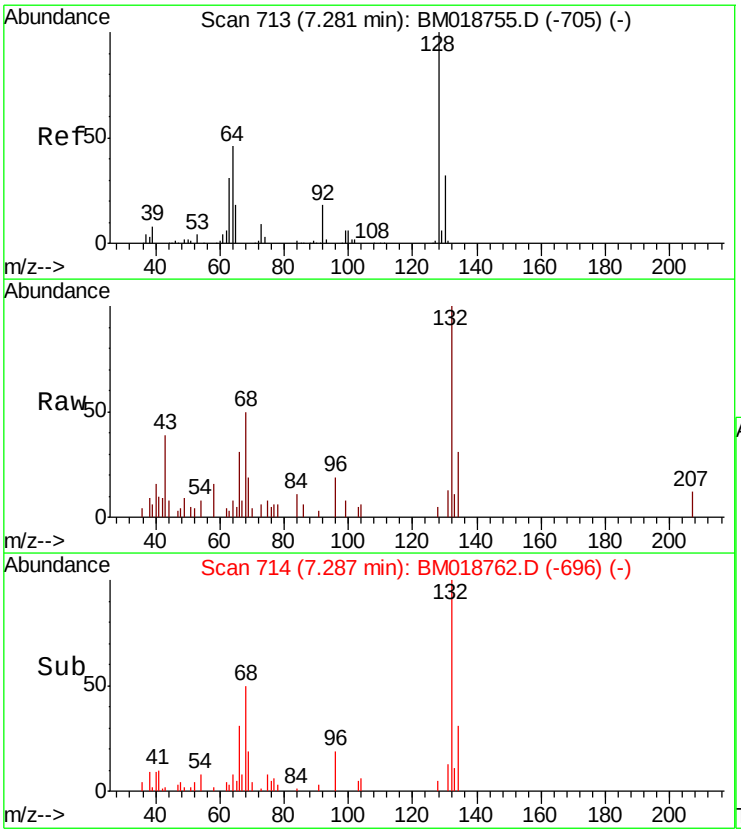
#7
Phenol-d6
Concen: 127.044 ng
RT: 6.89 min Scan# 647
Delta R.T. 0.01 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB116995BL

Tgt Ion: 99 Resp: 3395893

Ion	Ratio	Lower	Upper
99	100		
42	13.5	11.0	16.6
71	38.4	31.3	46.9

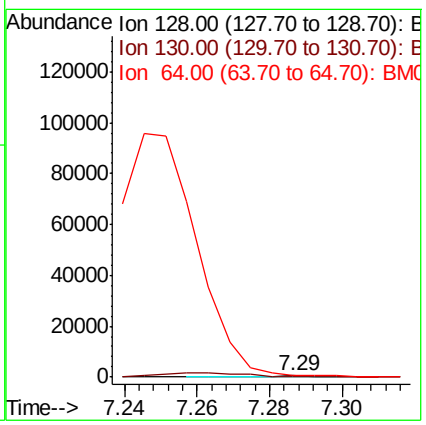


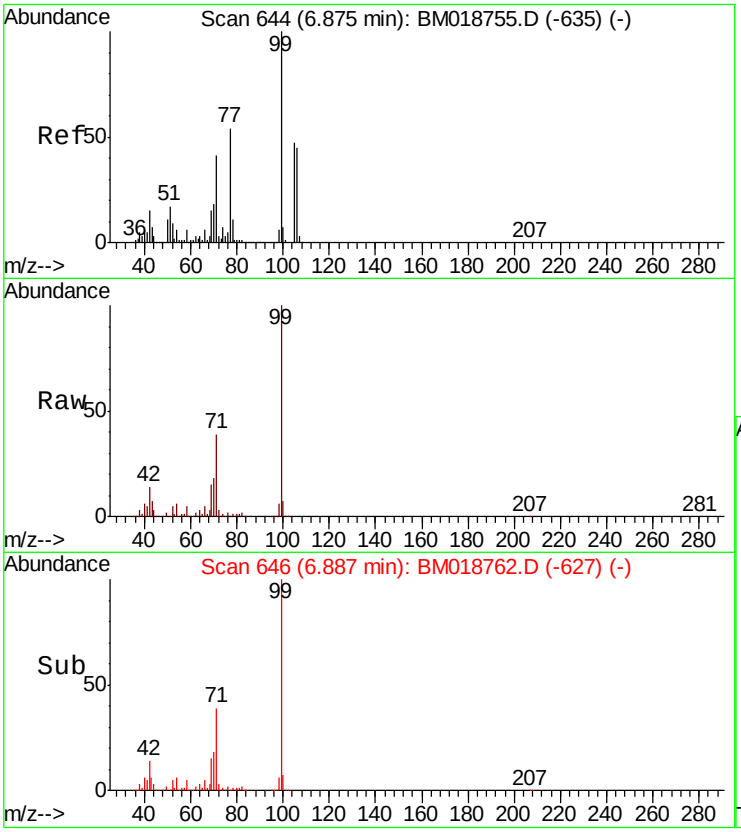


#8
2-Chlorophenol
Concen: 0.025 ng
RT: 7.29 min Scan# 714
Delta R.T. 0.01 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Tgt Ion:128 Resp: 522

Ion	Ratio	Lower	Upper
128	100		
130	0.0	11.7	51.7#
64	163.0	31.0	71.0#



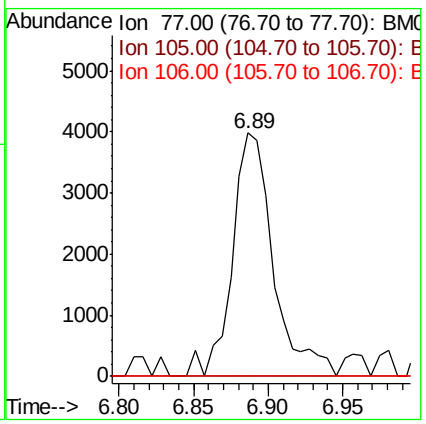


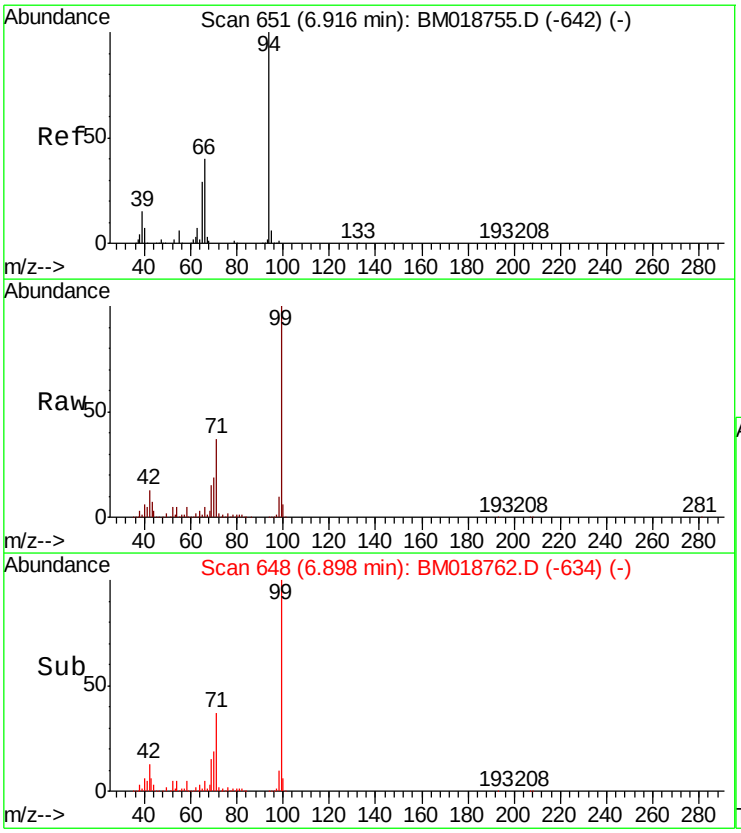
#9
Benzaldehyde
Concen: Below Cal
RT: 6.89 min Scan# 646
Delta R.T. 0.01 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB116995BL

Tgt Ion: 77 Resp: 7623

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

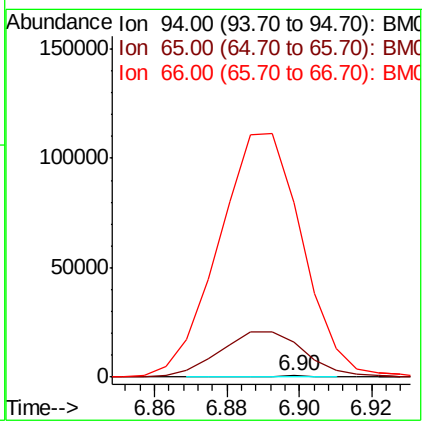


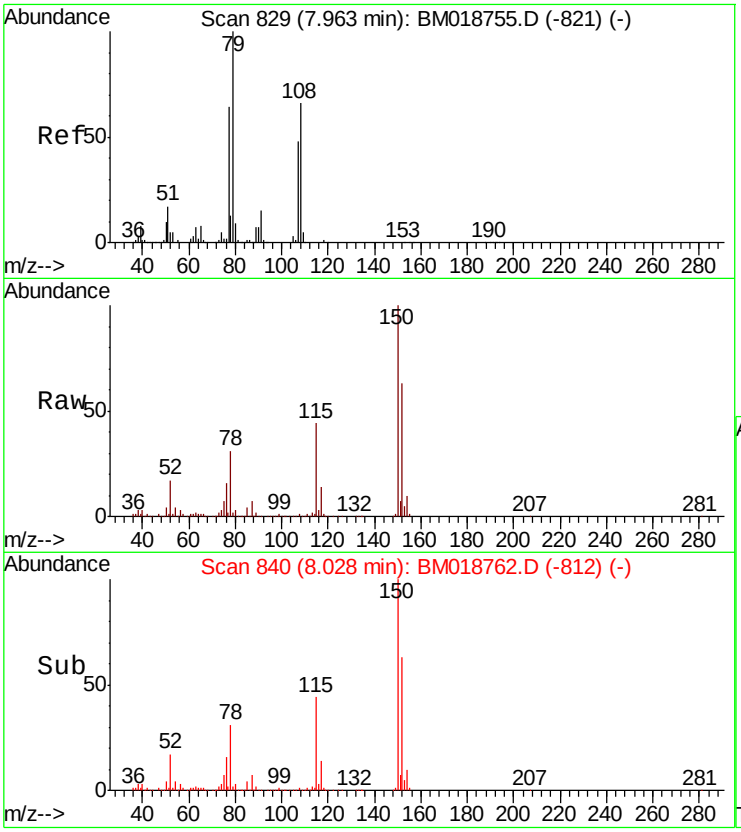


#10
Phenol
Concen: 0.015 ng
RT: 6.90 min Scan# 648
Delta R.T. -0.02 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Tgt Ion: 94 Resp: 435

Ion	Ratio	Lower	Upper
94	100		
65	2773.4	9.6	49.6#
66	13951.0	20.4	60.4#



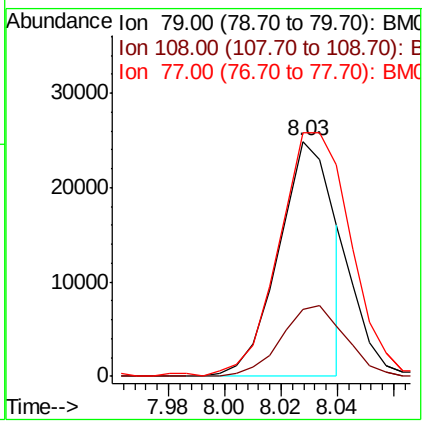


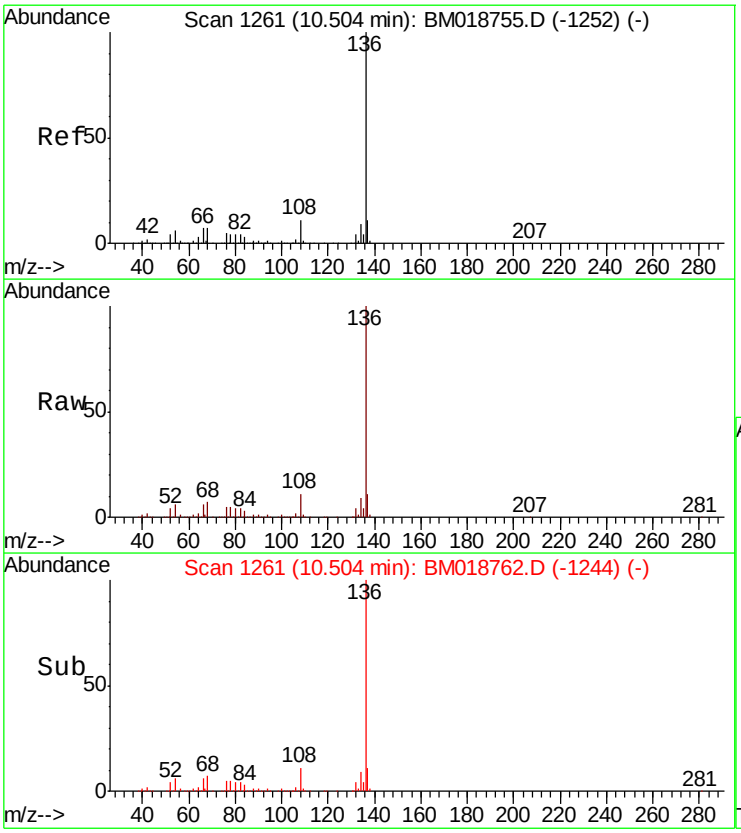
#15
Benzyl Alcohol
Concen: 1.576 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.06 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB116995BL

Tgt Ion: 79 Resp: 33467

Ion	Ratio	Lower	Upper
79	100		
108	28.4	52.7	79.1#
77	103.5	51.0	76.4#

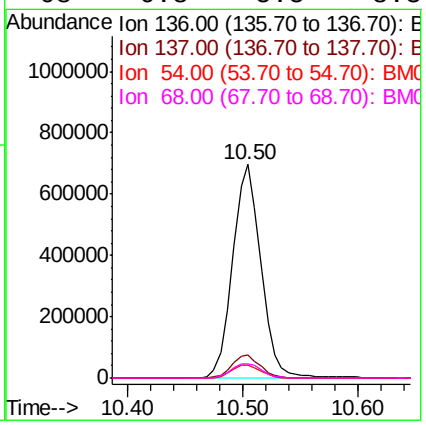


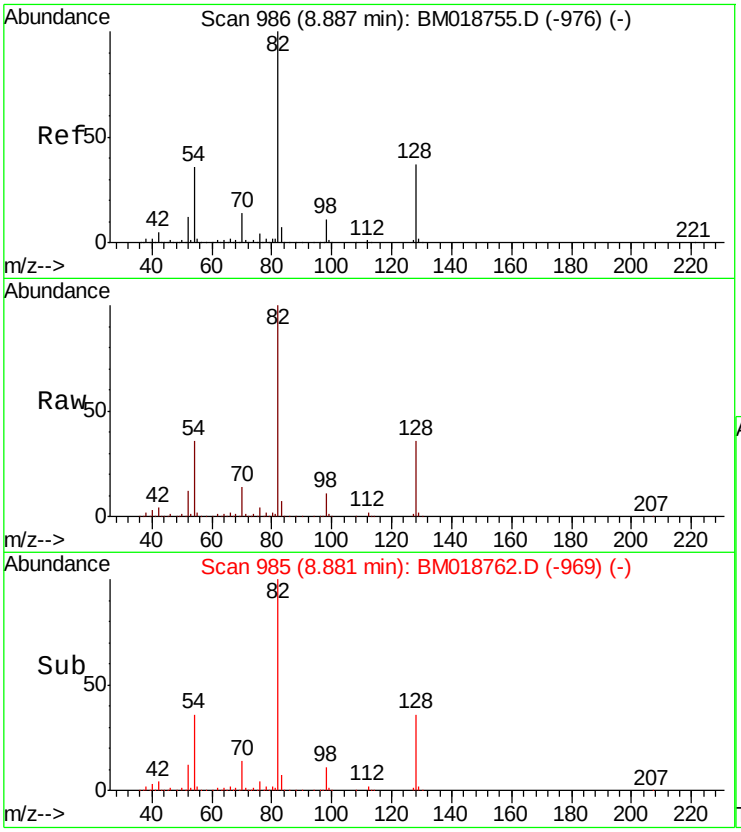


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Tgt Ion:136 Resp: 1180063

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.2	5.0	7.6
68	6.8	5.5	8.3



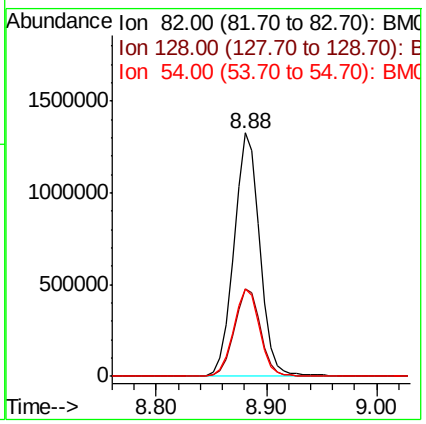


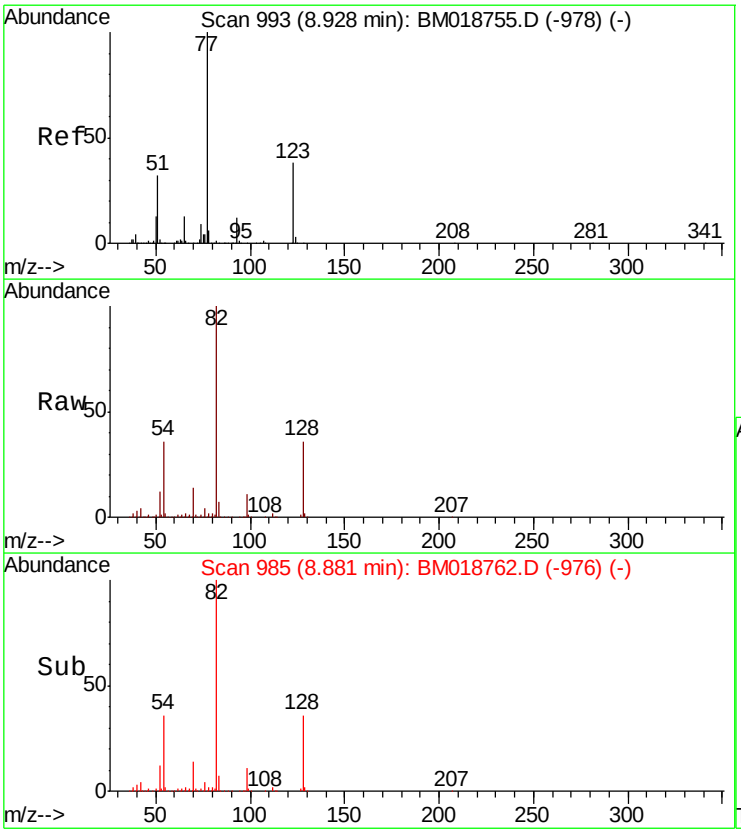
#23
Nitrobenzene-d5
Concen: 85.215 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB116995BL

Tgt Ion: 82 Resp: 2174790

Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.9	44.9
54	36.0	29.1	43.7

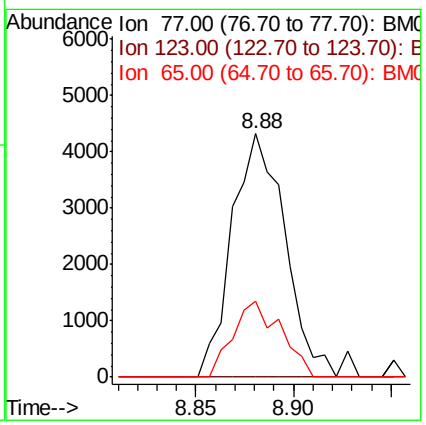


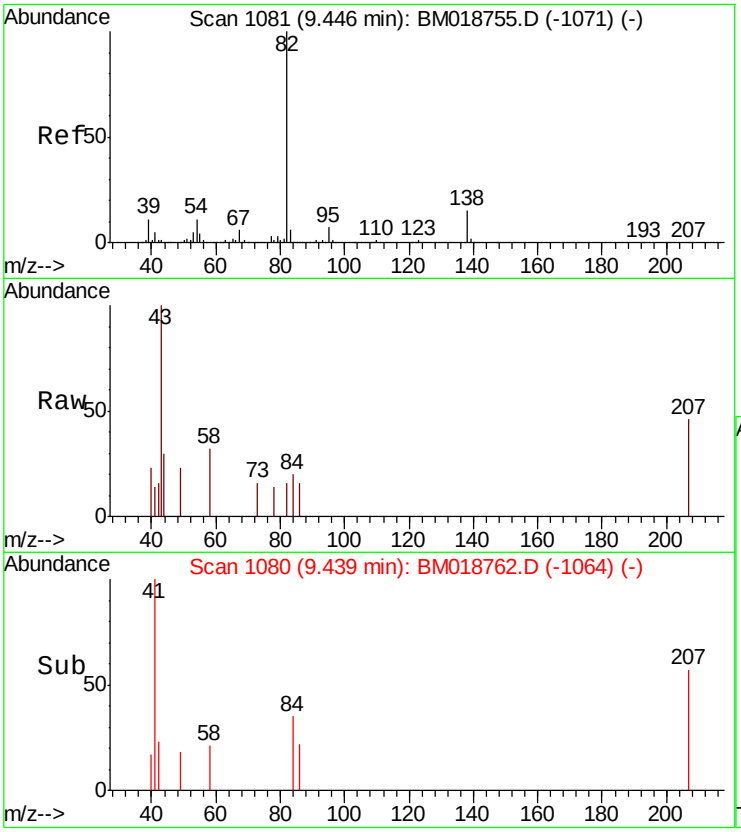


#24
Nitrobenzene
Concen: 0.307 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.05 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Tgt Ion: 77 Resp: 8120

Ion	Ratio	Lower	Upper
77	100		
123	0.0	30.7	46.1#
65	31.4	10.5	15.7#



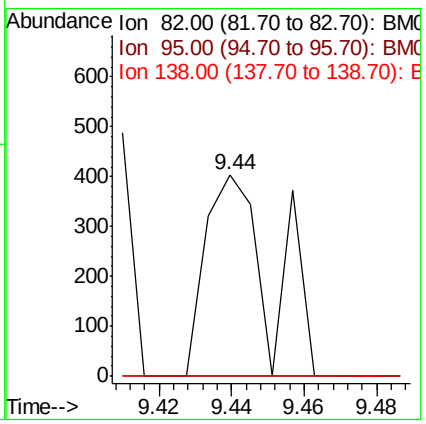


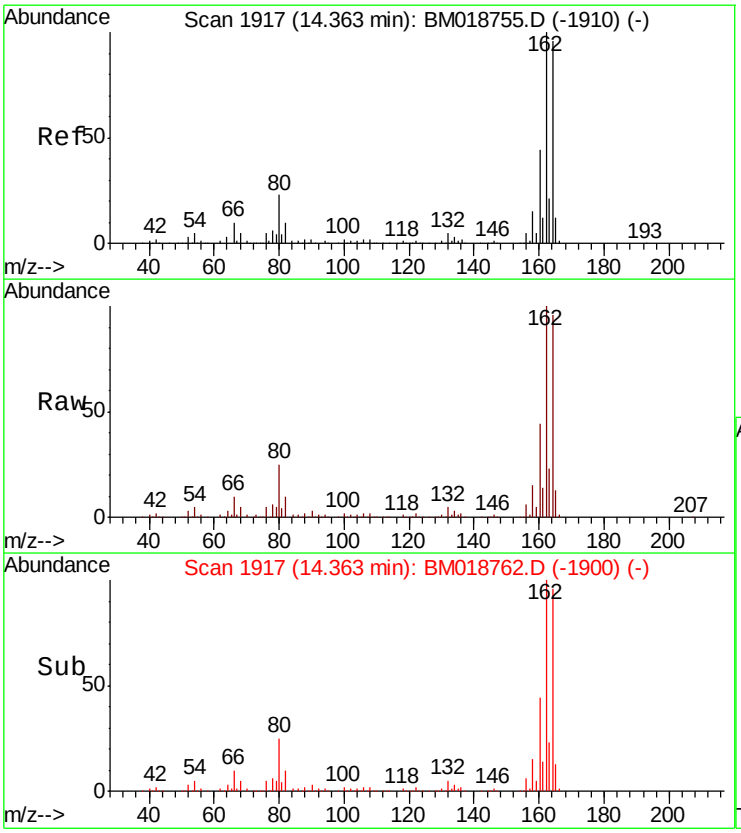
#25
Isophorone
Concen: 0.013 ng
RT: 9.44 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB116995BL

Tgt Ion: 82 Resp: 510

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

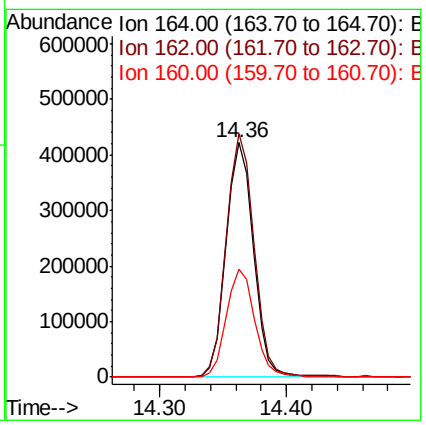


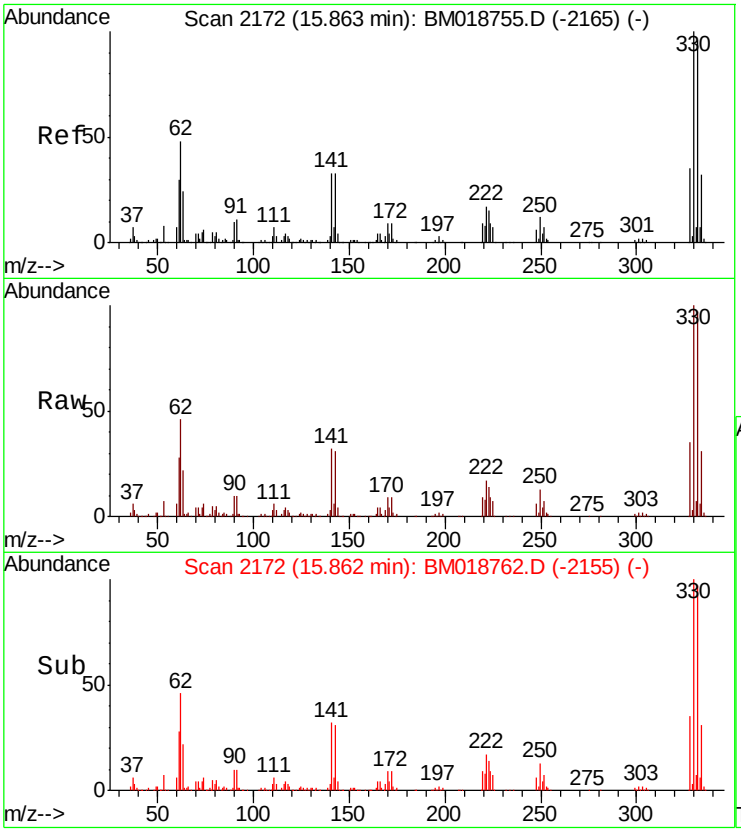


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Tgt Ion:164 Resp: 630537

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.4	125.0
160	46.2	36.6	55.0



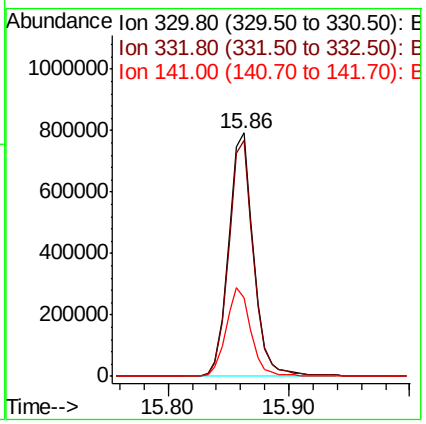


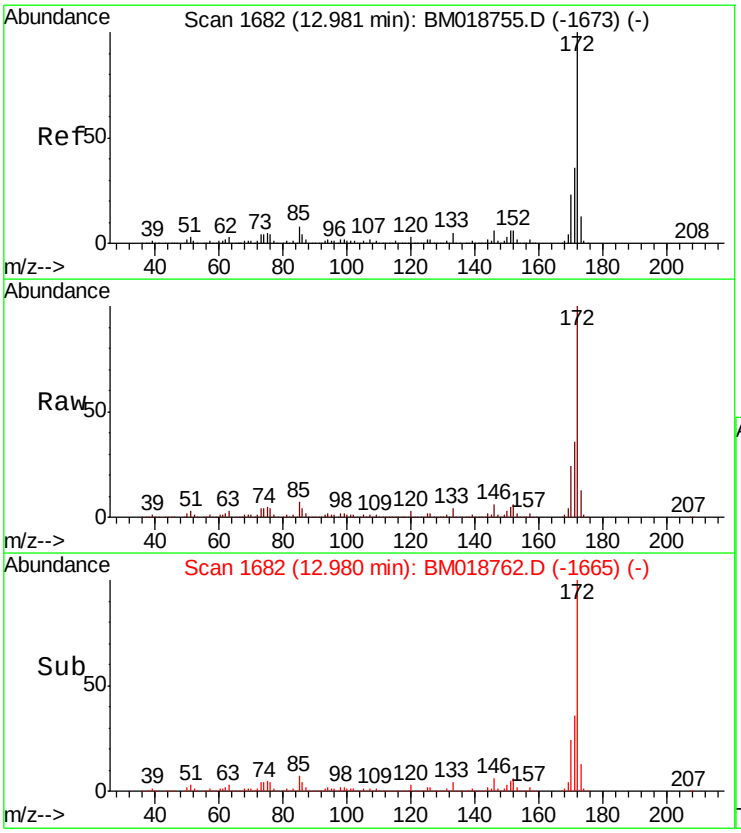
#42
2,4,6-Tribromophenol
Concen: 125.692 ng
RT: 15.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB116995BL

Tgt Ion:330 Resp: 1142414

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	36.0	28.7	43.1

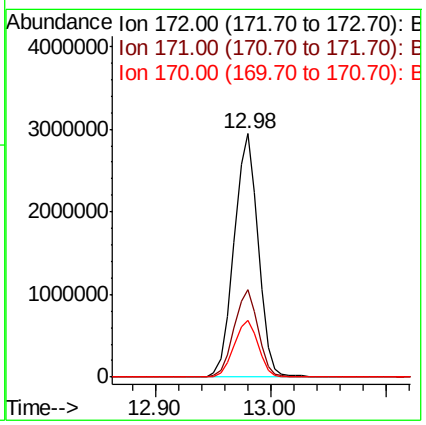


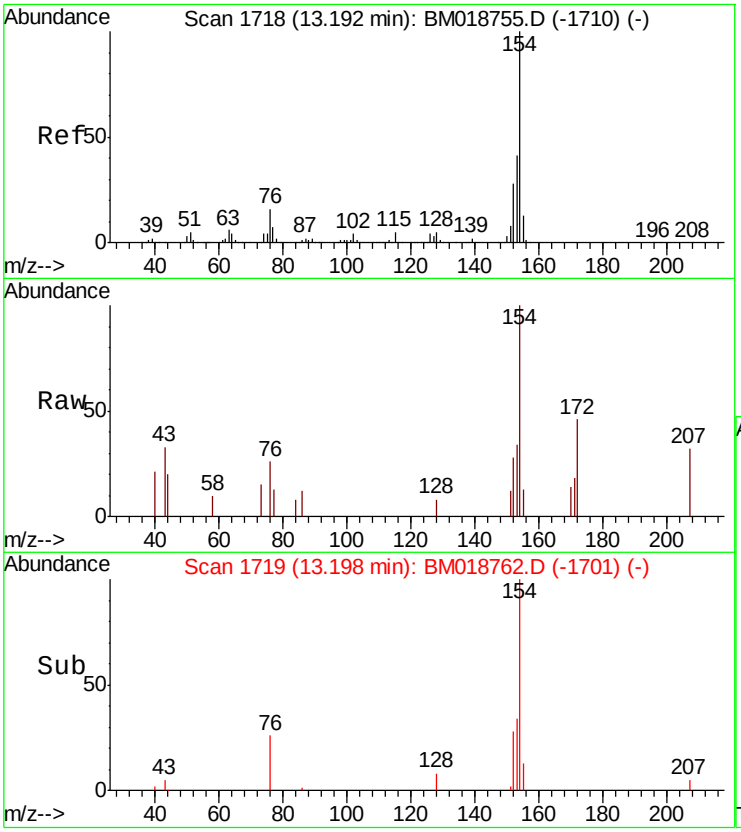


#45
2-Fluorobiphenyl
Concen: 89.513 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Tgt Ion:172 Resp: 4251789

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.5	18.6	28.0



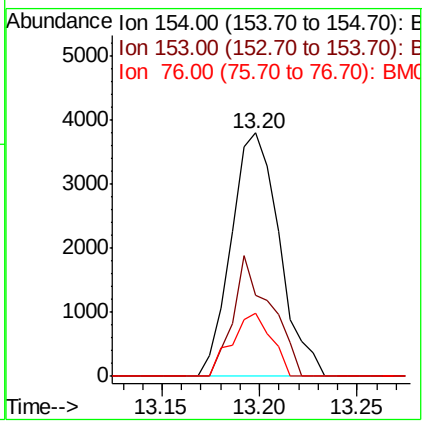


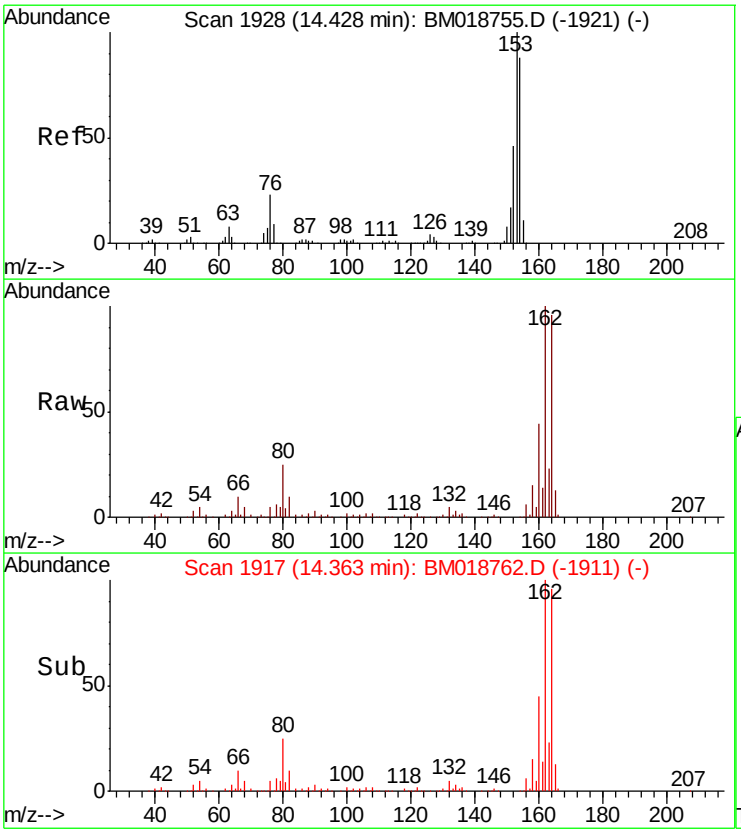
#46
1,1'-Biphenyl
Concen: 0.120 ng
RT: 13.20 min Scan# 1719
Delta R.T. 0.01 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB116995BL

Tgt Ion:154 Resp: 6487

Ion	Ratio	Lower	Upper
154	100		
153	33.5	21.1	61.1
76	26.0	0.0	35.7

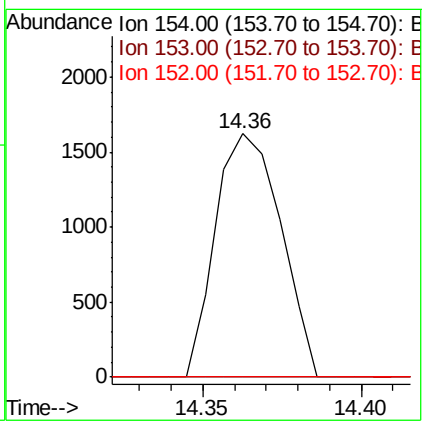


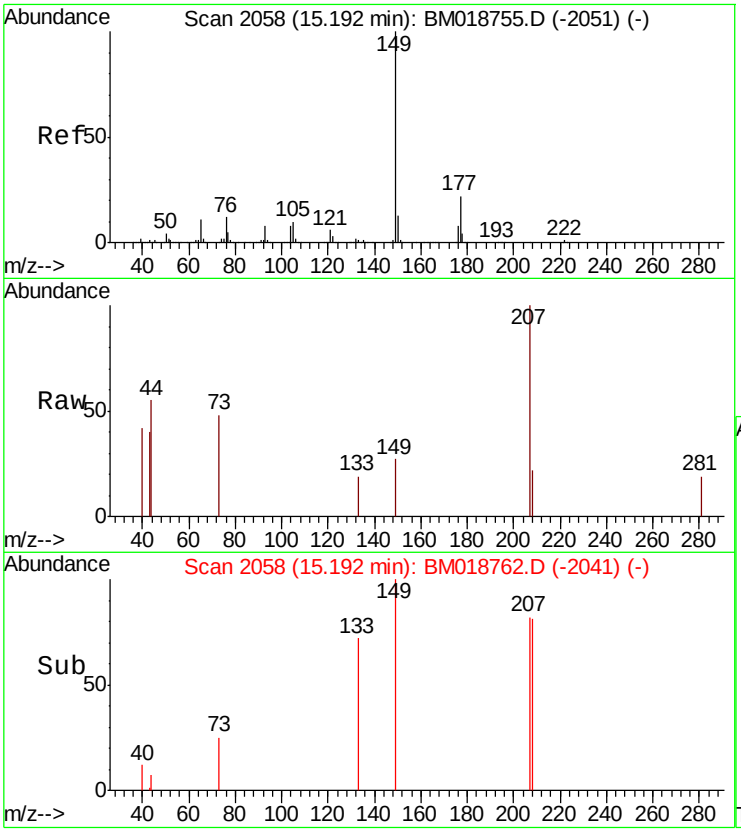


#52
Acenaphthene
Concen: 0.061 ng
RT: 14.36 min Scan# 1917
Delta R.T. -0.07 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Tgt Ion:154 Resp: 2317

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



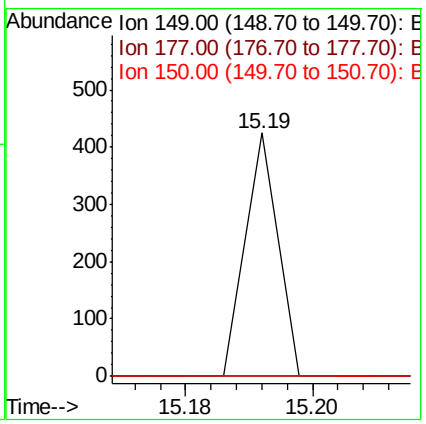


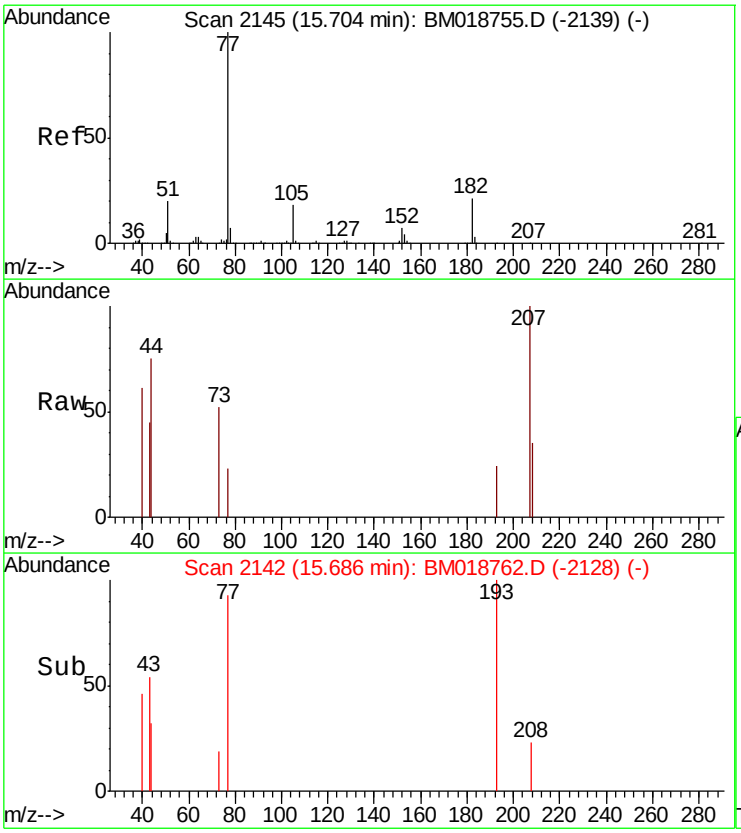
#60
Diethylphthalate
Concen: 0.003 ng
RT: 15.19 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB116995BL

Tgt Ion:149 Resp: 150

Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.2	25.8#
150	0.0	10.2	15.2#

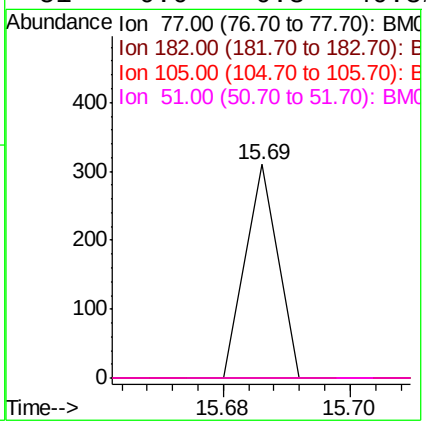


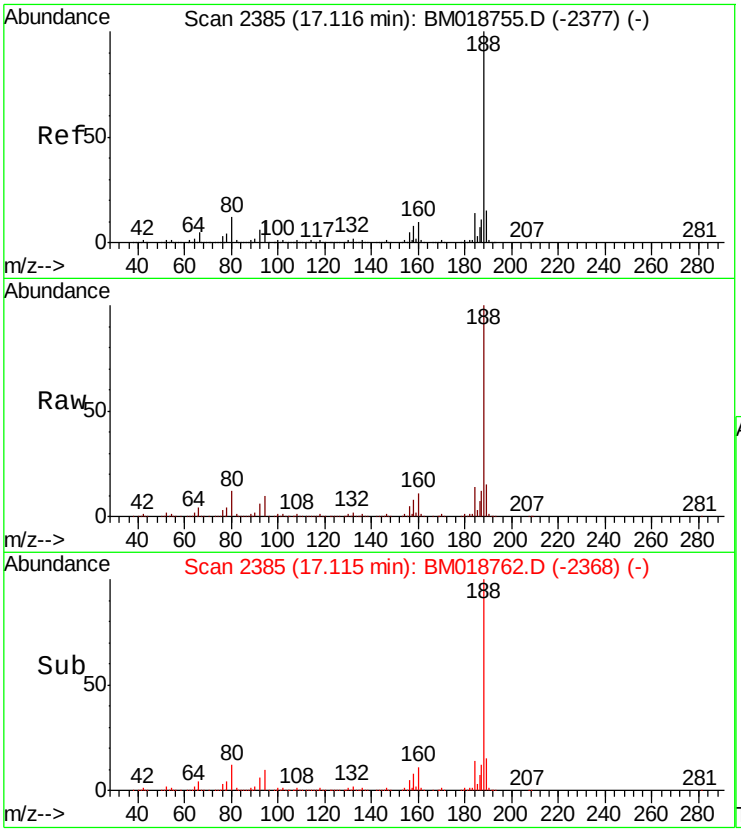


#63
Azobenzene
Concen: 0.002 ng
RT: 15.69 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Tgt Ion: 77 Resp: 109

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#



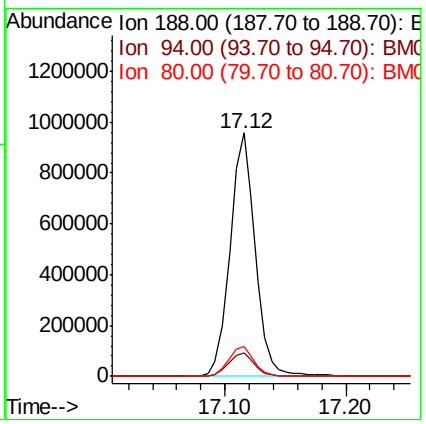


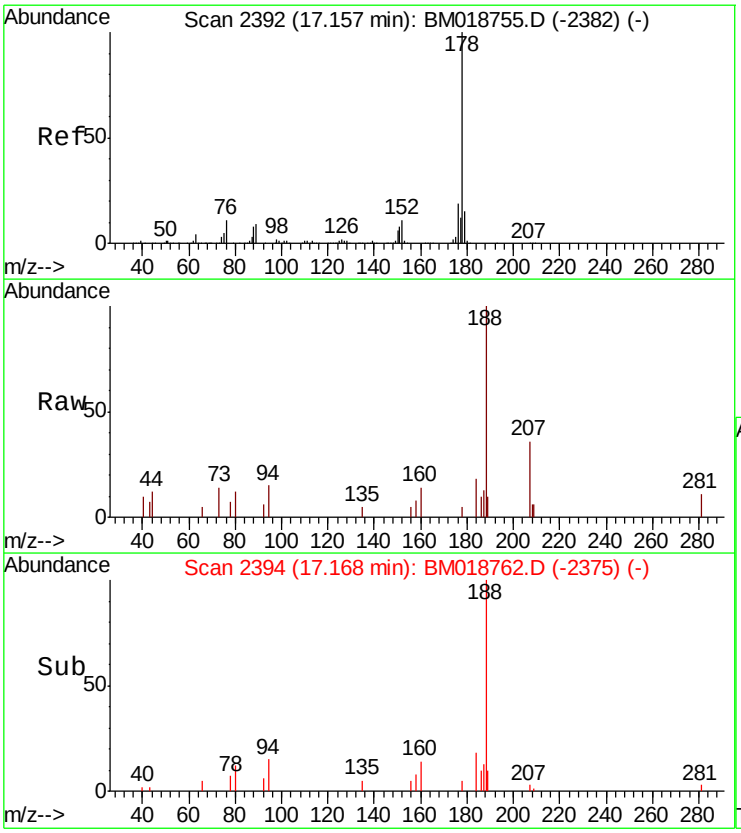
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB116995BL

Tgt Ion:188 Resp: 1385603

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.2	12.2
80	12.2	9.7	14.5

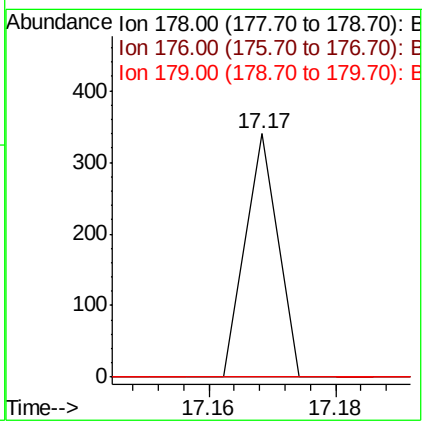


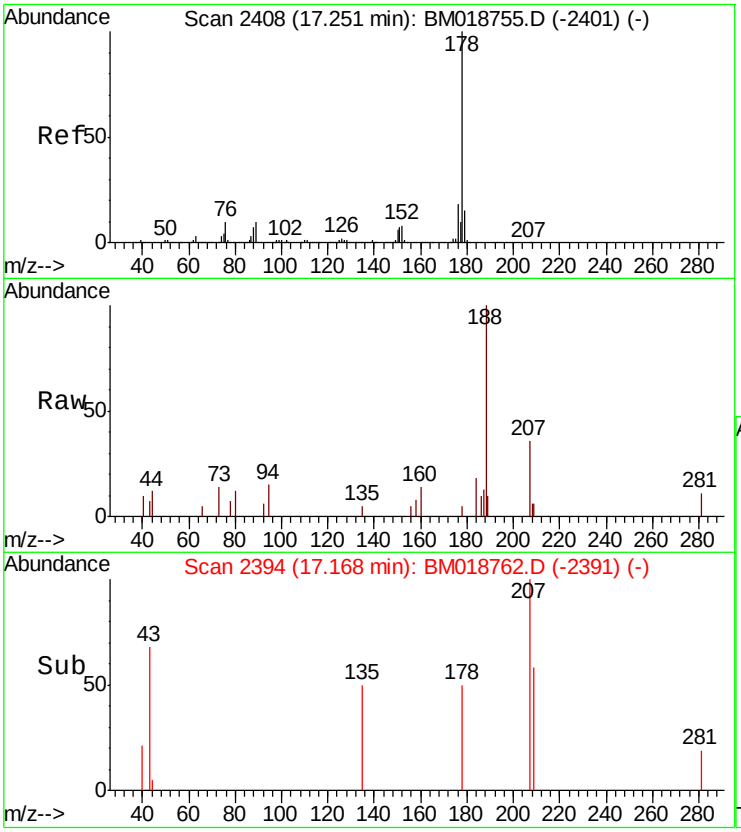


#71
Phenanthrene
Concen: 0.002 ng
RT: 17.17 min Scan# 2394
Delta R.T. 0.01 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Tgt Ion:178 Resp: 120

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



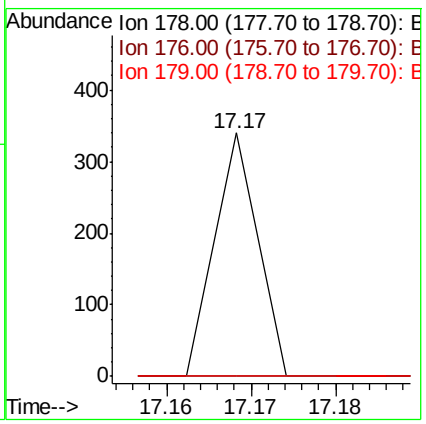


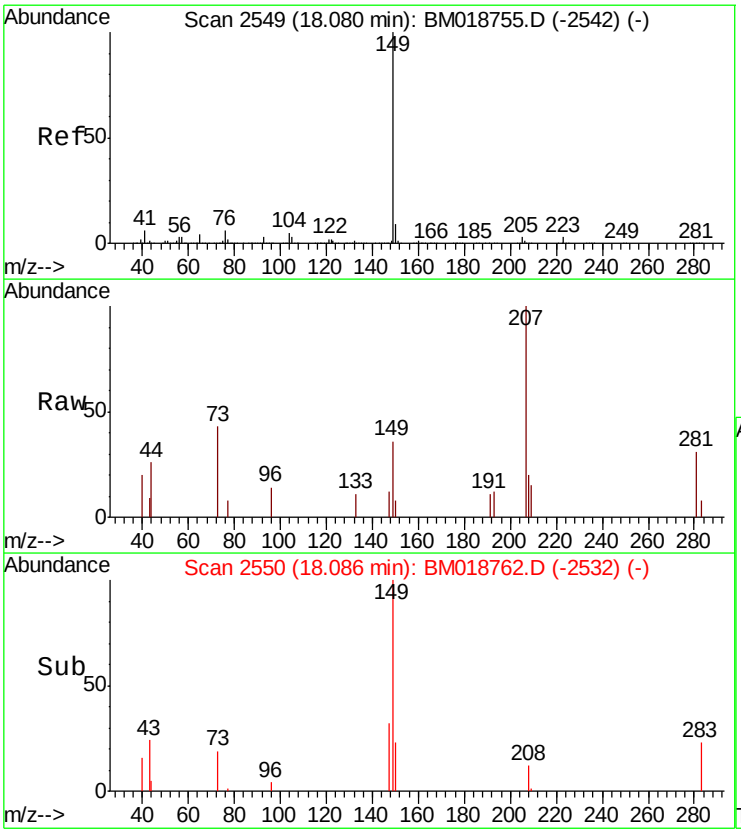
#72
Anthracene
Concen: 0.002 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.08 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB116995BL

Tgt Ion:178 Resp: 120

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.8	22.2#
179	0.0	12.1	18.1#

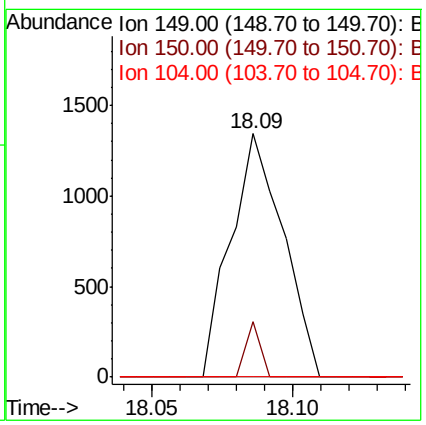


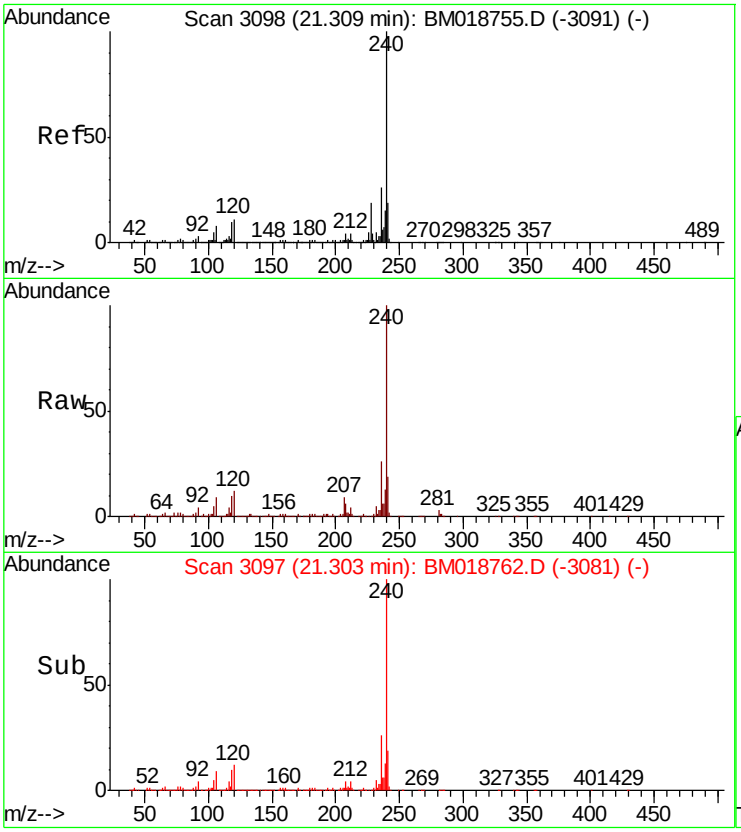


#74
Di-n-butylphthalate
Concen: 0.020 ng
RT: 18.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Tgt Ion:149 Resp: 1734

Ion	Ratio	Lower	Upper
149	100		
150	22.9	7.4	11.0#
104	0.0	4.3	6.5#



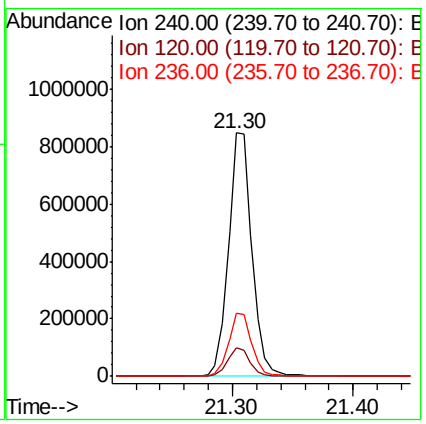


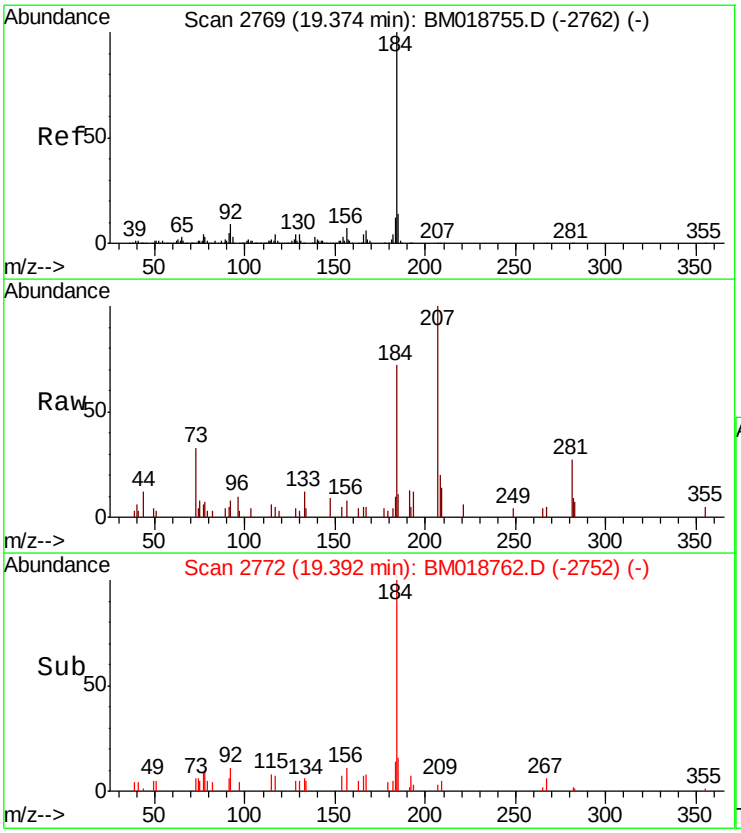
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB116995BL

Tgt Ion:240 Resp: 1146927

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	26.1	20.9	31.3

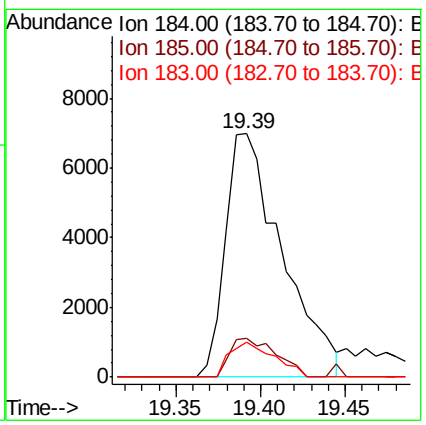


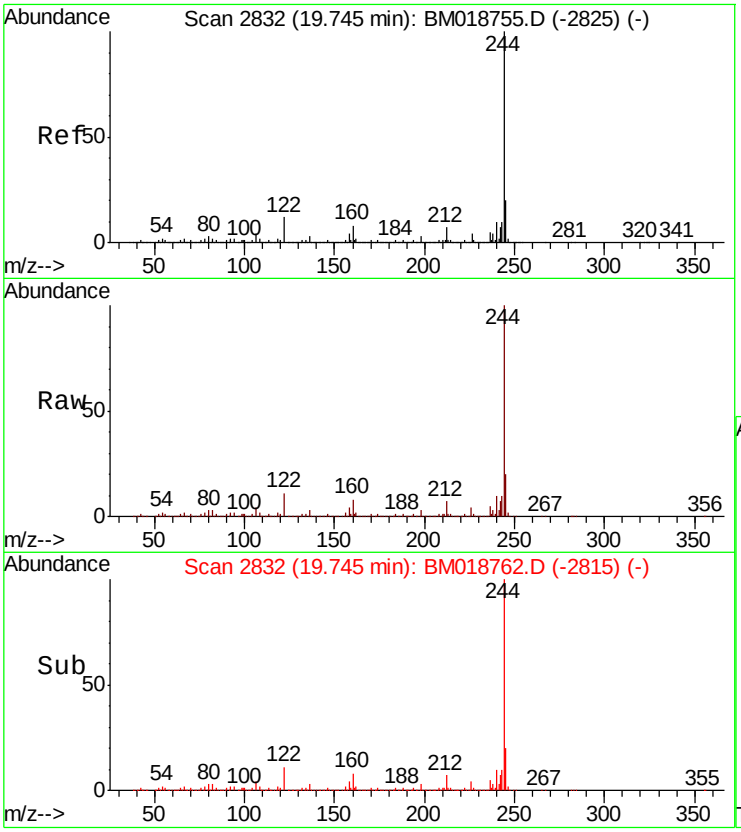


#77
Benzidine
Concen: 0.630 ng
RT: 19.39 min Scan# 2772
Delta R.T. 0.02 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Tgt Ion:184 Resp: 16273

Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.2	16.8
183	14.2	9.7	14.5



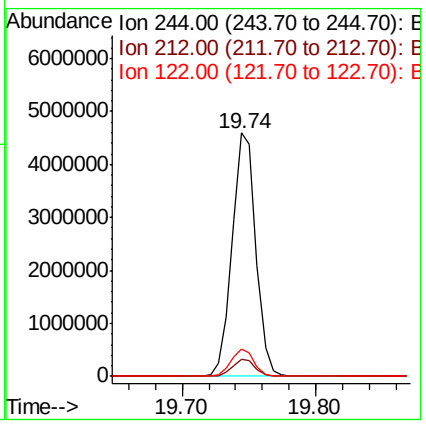


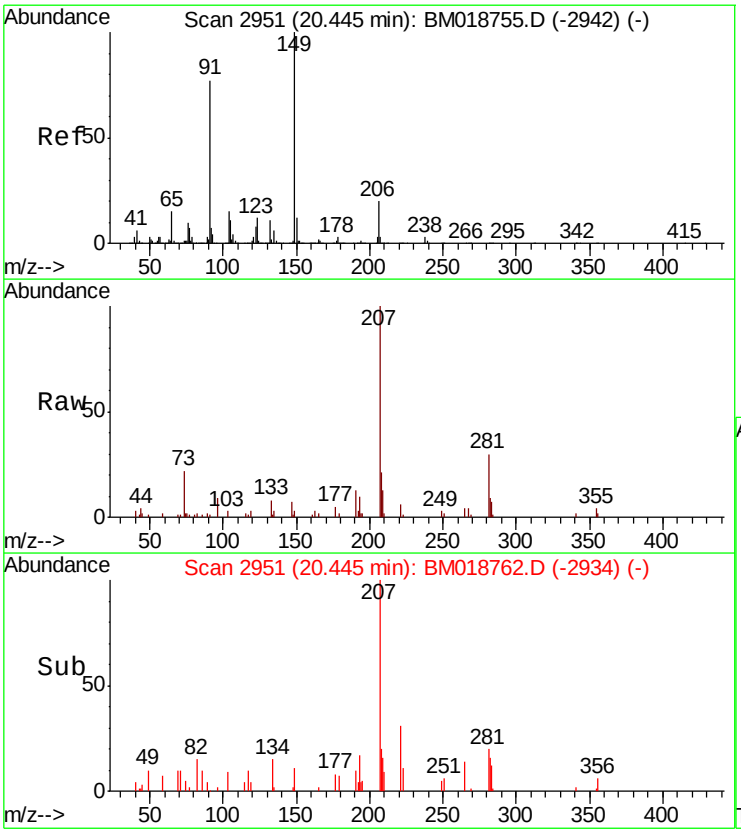
#79
Terphenyl-d14
Concen: 102.481 ng
RT: 19.74 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB116995BL

Tgt Ion:244 Resp: 5697753

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.3	9.3	13.9

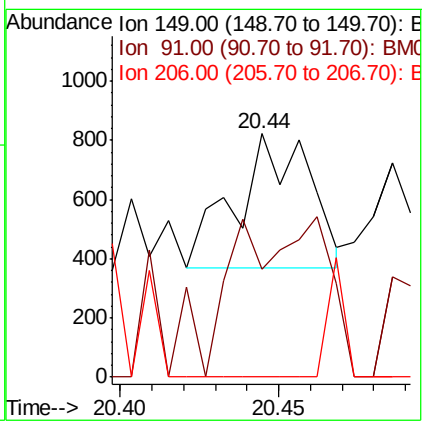


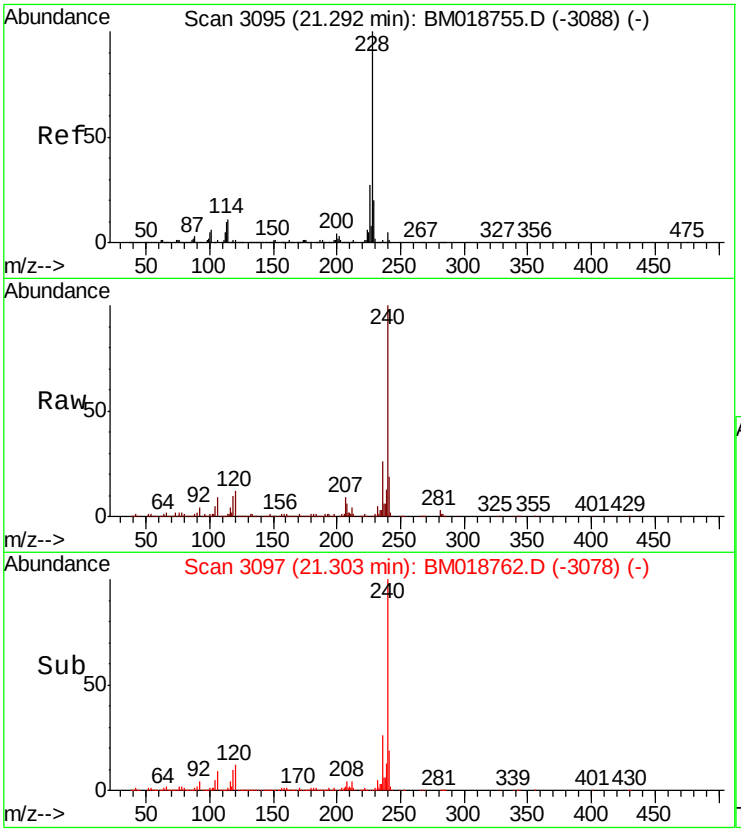


#80
Butylbenzylphthalate
Concen: 0.024 ng
RT: 20.44 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Tgt Ion:149 Resp: 735

Ion	Ratio	Lower	Upper
149	100		
91	44.5	61.4	92.0#
206	0.0	15.8	23.8#



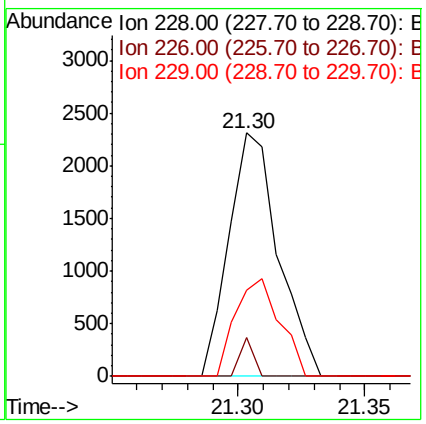


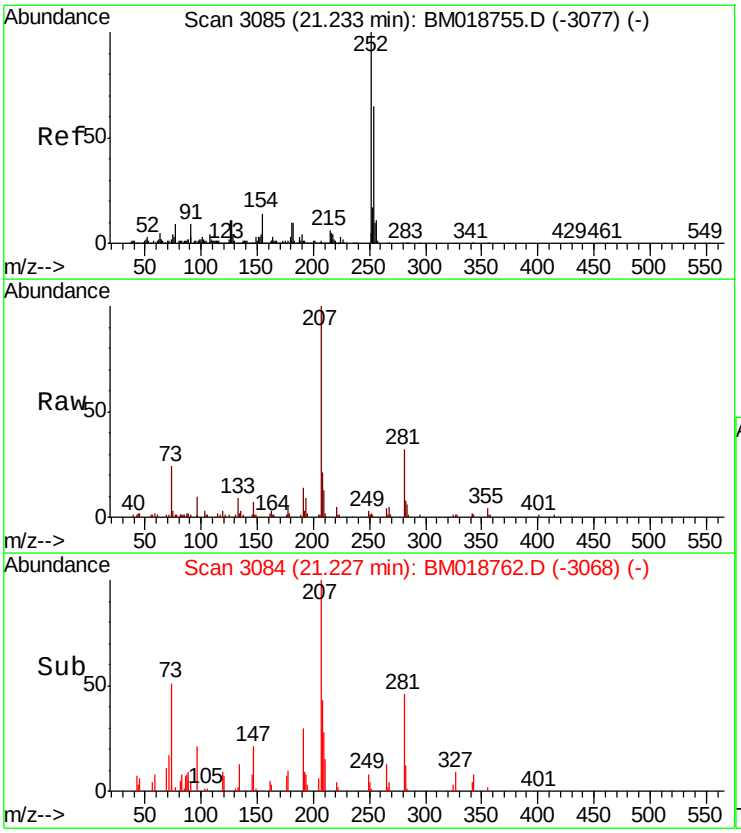
#81
Benzo(a)anthracene
Concen: 0.047 ng
RT: 21.30 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB116995BL

Tgt Ion:228 Resp: 3142

Ion	Ratio	Lower	Upper
228	100		
226	15.7	21.9	32.9#
229	35.2	15.9	23.9#

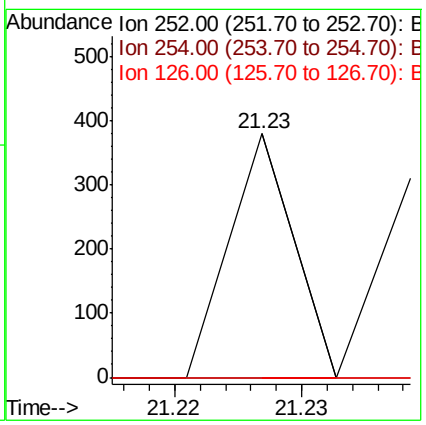


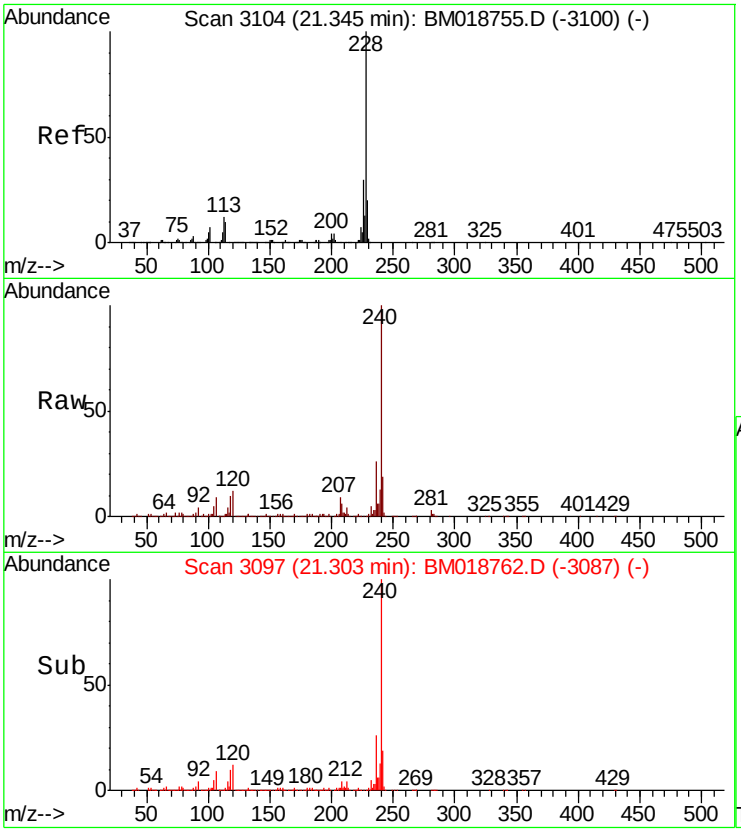


#82
3,3'-Dichlorobenzidine
Concen: 0.005 ng
RT: 21.23 min Scan# 3084
Delta R.T. -0.01 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Tgt Ion:252 Resp: 134

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



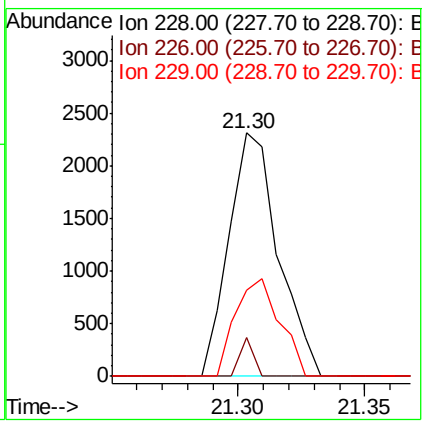


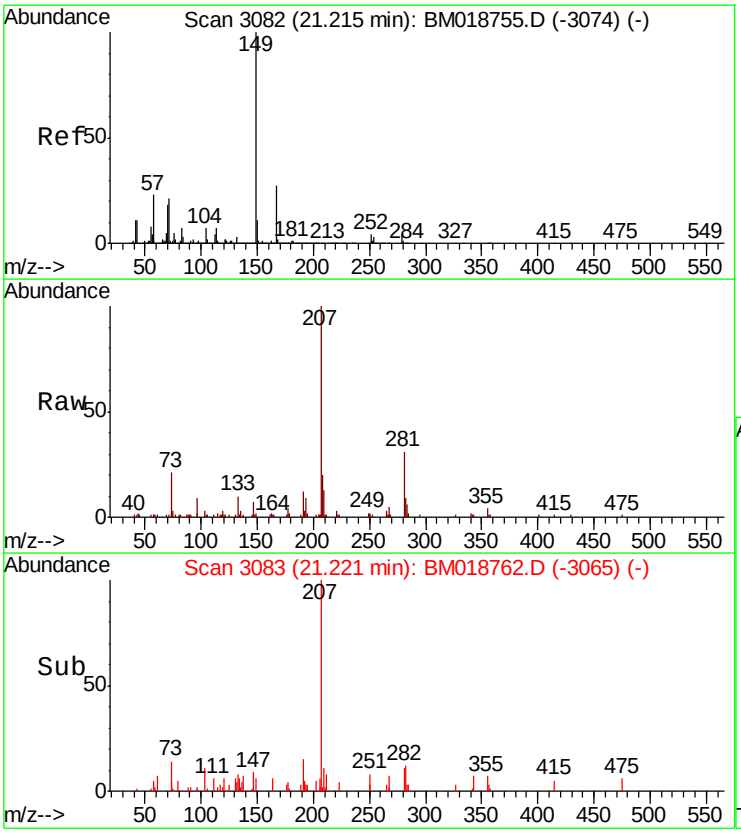
#83
Chrysene
Concen: 0.049 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.04 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB116995BL

Tgt Ion:228 Resp: 3142

Ion	Ratio	Lower	Upper
228	100		
226	15.7	24.1	36.1#
229	35.2	16.0	24.0#

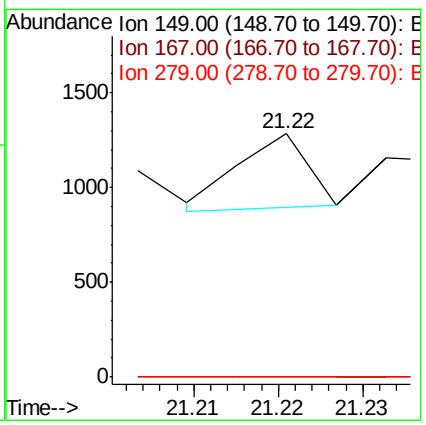


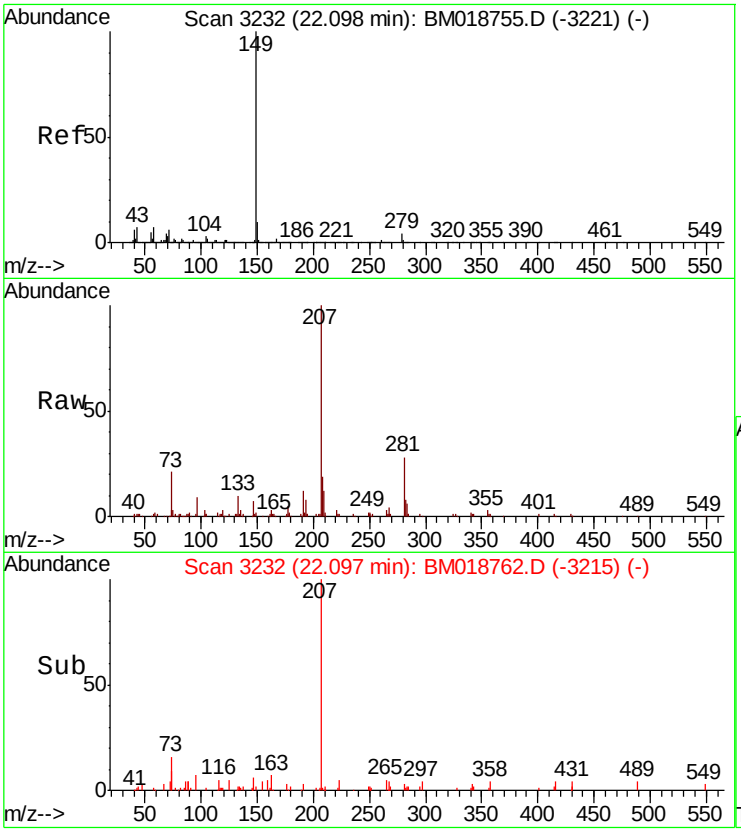


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.005 ng
RT: 21.22 min Scan# 3083
Delta R.T. 0.01 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Tgt Ion:149 Resp: 227

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



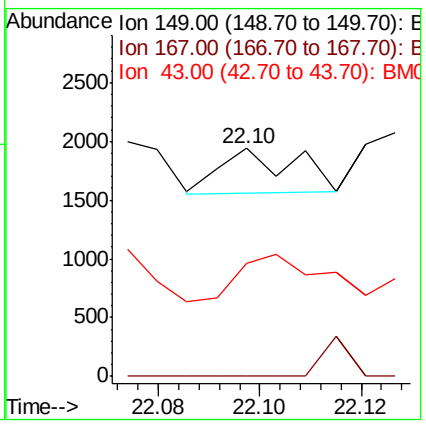


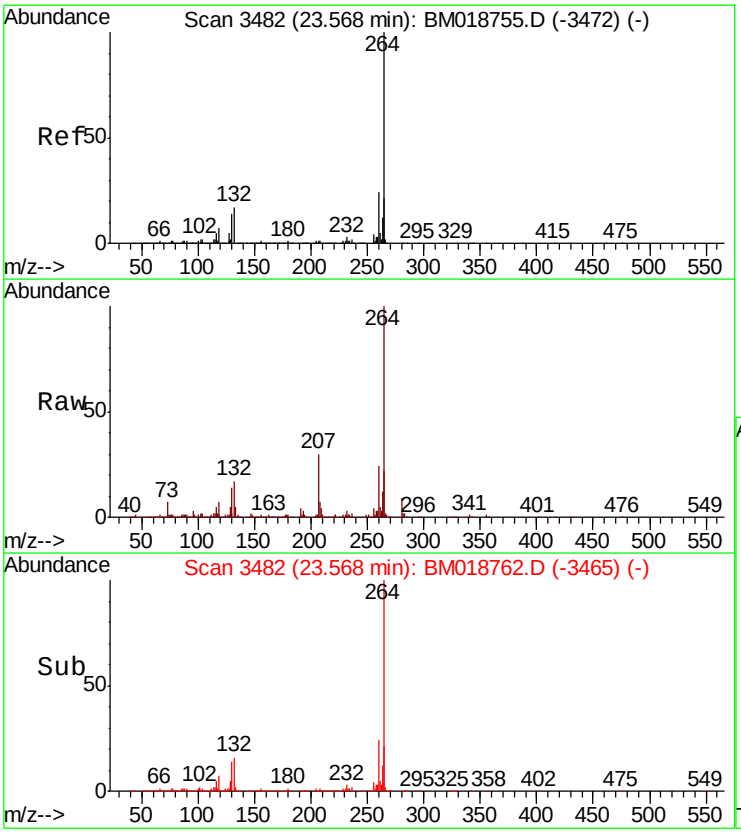
#85
Di-n-octyl phthalate
Concen: 0.005 ng
RT: 22.10 min Scan# 3232
Delta R.T. -0.00 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB116995BL

Tgt Ion:149 Resp: 395

Ion	Ratio	Lower	Upper
149	100		
167	30.4	1.3	1.9#
43	116.2	6.0	9.0#

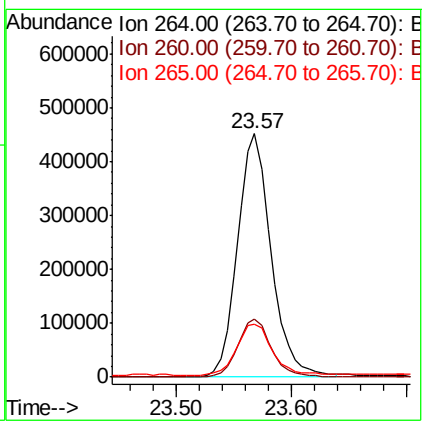


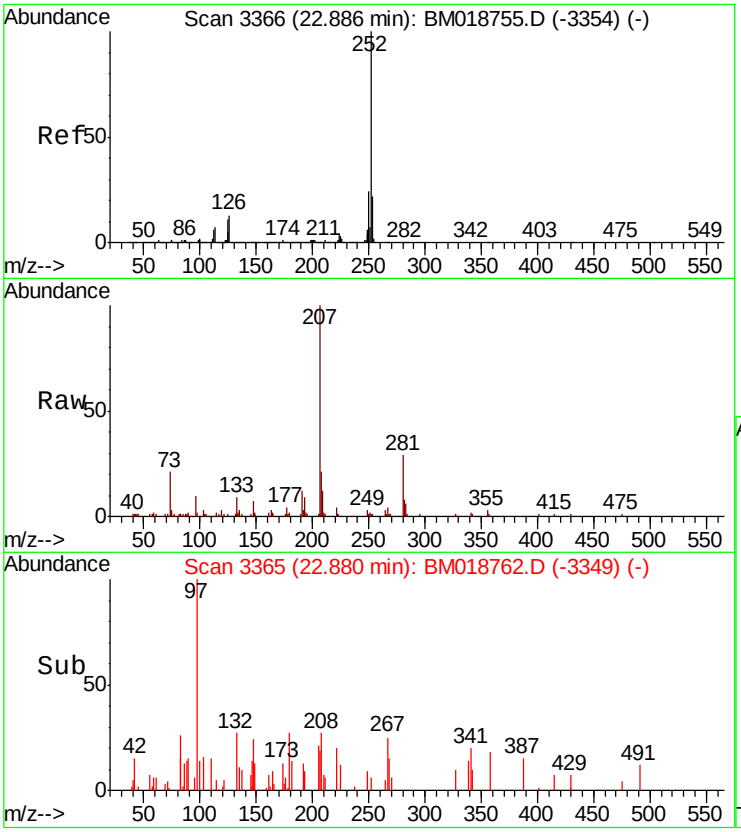


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.00 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Tgt Ion:264 Resp: 916805

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.8	17.3	25.9



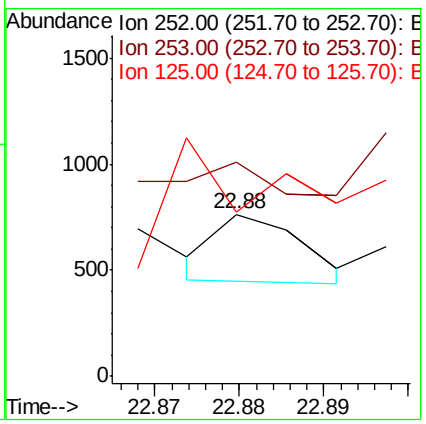


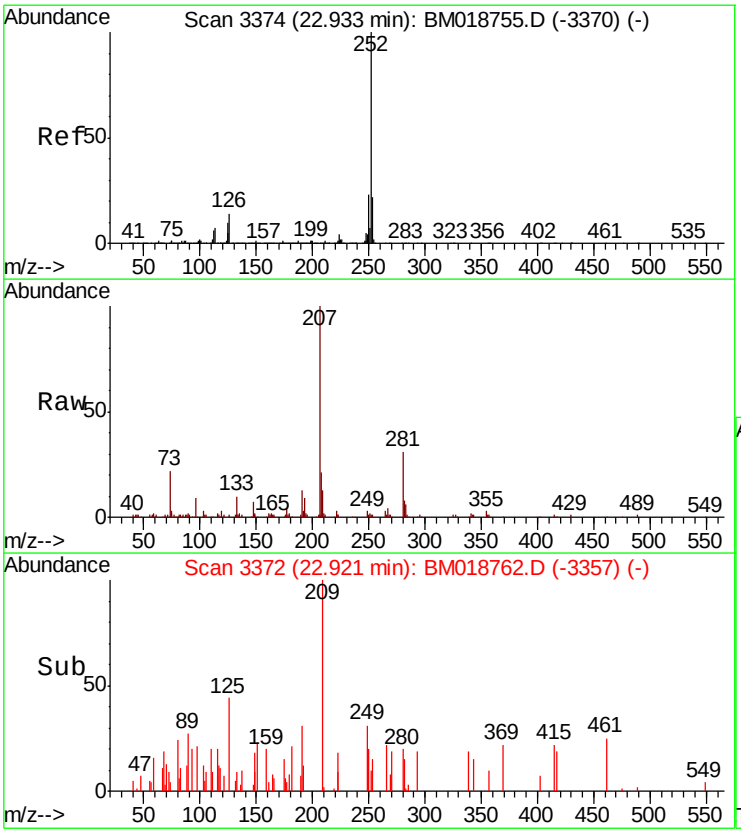
#88
Benzo(b)fluoranthene
Concen: 0.004 ng
RT: 22.88 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB116995BL

Tgt Ion:252 Resp: 222

Ion	Ratio	Lower	Upper
252	100		
253	132.2	17.8	26.6#
125	101.4	8.6	12.8#

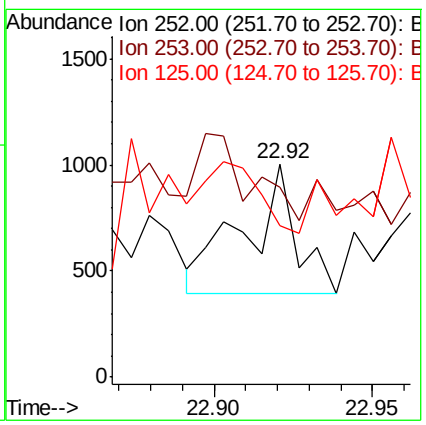


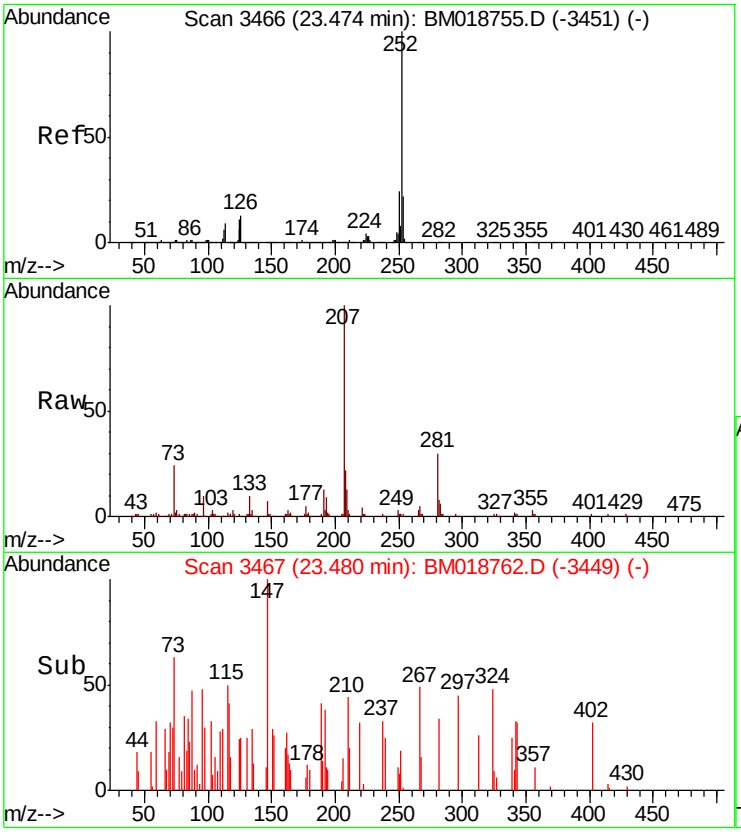


#89
Benzo(k)fluoranthene
Concen: 0.013 ng
RT: 22.92 min Scan# 3372
Delta R.T. -0.01 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Tgt Ion:252 Resp: 691

Ion	Ratio	Lower	Upper
252	100		
253	89.2	17.7	26.5#
125	108.8	8.2	12.4#





#90
Benzo(a)pyrene
Concen: 0.011 ng
RT: 23.48 min Scan# 3467
Delta R.T. 0.01 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB116995BL

Tgt Ion:252 Resp: 559

Ion	Ratio	Lower	Upper
252	100		
253	78.4	17.4	26.0#
125	118.9	8.6	13.0#