Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
Data File : BM017244.D
Acq On : 19 Oct 2018 23:41
Operator : MJ/SJ
Sample : J5575-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 20 03:55:59 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	270765	20.00	ng		-0.01
21) Naphthalene-d8	10.44	136	1151957	20.00	ng		-0.01
39) Acenaphthene-d10	14.30	164	691834	20.00	ng		-0.01
64) Phenanthrene-d10	17.06	188	1520312	20.00	ng		-0.01
76) Chrysene-d12	21.25	240	1509700	20.00	ng		-0.01
87) Perylene-d12	23.46	264	1381134	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1415789	88.44	ng		0.00
7) Phenol-d6	6.85	99	1974578	90.56	ng		-0.01
23) Nitrobenzene-d5	8.82	82	1195493	60.70	ng		-0.02
42) 2,4,6-Tribromophenol	15.80	330	811309	86.71	ng		-0.01
45) 2-Fluorobiphenyl	12.92	172	2742715	52.75	ng		-0.01
79) Terphenyl-d14	19.69	244	3616551	54.00	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	259	0.032	ng	#	34
3) Pyridine	3.63	79	138	0.007	ng	#	1
4) n-Nitrosodimethylamine	3.60	42	534	0.071	ng	#	1
8) 2-Chlorophenol	7.23	128	160	0.009	ng	#	1
9) Benzaldehyde	6.85	77	5985	0.431	ng	#	1
10) Phenol	6.87	94	186406	7.944	ng		99
15) Benzyl Alcohol	7.98	79	15946	1.001	ng	#	54
20) 3+4-Methylphenols	8.45	107	134	0.007	ng	#	45
22) Acetophenone	8.48	105	108	0.004	ng	#	53
24) Nitrobenzene	8.81	77	4419	0.212	ng	#	37
31) Naphthalene	10.49	128	611154	10.826	ng		99
37) 2-Methylnaphthalene	12.11	142	140974	3.649	ng		97
38) 1-Methylnaphthalene	12.33	142	72003	1.915	ng	#	97
46) 1,1'-Biphenyl	13.13	154	64197	1.031	ng		99
49) Acenaphthylene	14.03	152	38102	0.574	ng		99
50) Dimethylphthalate	13.77	163	256370	4.803	ng		99
52) Acenaphthene	14.37	154	377572	9.058	ng		98
55) Dibenzofuran	14.70	168	373404	5.387	ng		97
56) 4-Nitrophenol	14.52	139	365	4.746	ng	#	8
57) 2,4-Dinitrotoluene	14.67	165	510	0.032	ng	#	40
58) Fluorene	15.36	166	412145	8.033	ng		98
60) Diethylphthalate	15.15	149	1417	0.027	ng	#	80
62) 4-Nitroaniline	15.36	138	4720	5.054	ng	#	18
63) Azobenzene	15.66	77	3137	0.061	ng	#	1
66) n-Nitrosodiphenylamine	15.57	169	2062	0.045	ng	#	1
71) Phenanthrene	17.10	178	2494587	30.412	ng		100
72) Anthracene	17.19	178	492257	6.316	ng		99
73) Carbazole	17.46	167	241456	3.033	ng		99
74) Di-n-butylphthalate	18.03	149	2664	0.032	ng	#	64
75) Fluoranthene	19.12	202	1812529	19.637	ng		99
77) Benzidine	19.34	184	353	0.009	ng	#	66
78) Pyrene	19.48	202	1305296	15.470	ng		99
80) Butylbenzylphthalate	20.40	149	620	7.192	ng	#	81
81) Benzo(a)anthracene	21.23	228	463207	5.452	ng		100

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
Data File : BM017244.D
Acq On : 19 Oct 2018 23:41
Operator : MJ/SJ
Sample : J5575-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 20 03:55:59 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)
82) 3,3'-Dichlorobenzidine	21.17	252	1866	0.059	ng	#	75
83) Chrysene	21.29	228	414115	4.925	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	4888	5.396	ng	#	98
85) Di-n-octyl phthalate	22.05	149	631	5.578	ng	#	1
86) Indeno(1,2,3-cd)pyrene	25.67	276	72727	0.773	ng		94
88) Benzo(b)fluoranthene	22.80	252	344017	4.556	ng		94
89) Benzo(k)fluoranthene	22.80	252	344017	4.540	ng		95
90) Benzo(a)pyrene	23.36	252	169355	2.362	ng		97
91) Dibenzo(a,h)anthracene	25.67	278	23096	0.324	ng		95
92) Benzo(g,h,i)perylene	26.34	276	64948	0.920	ng		96

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

Quantitation Report (Not Reviewed)

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Misc :
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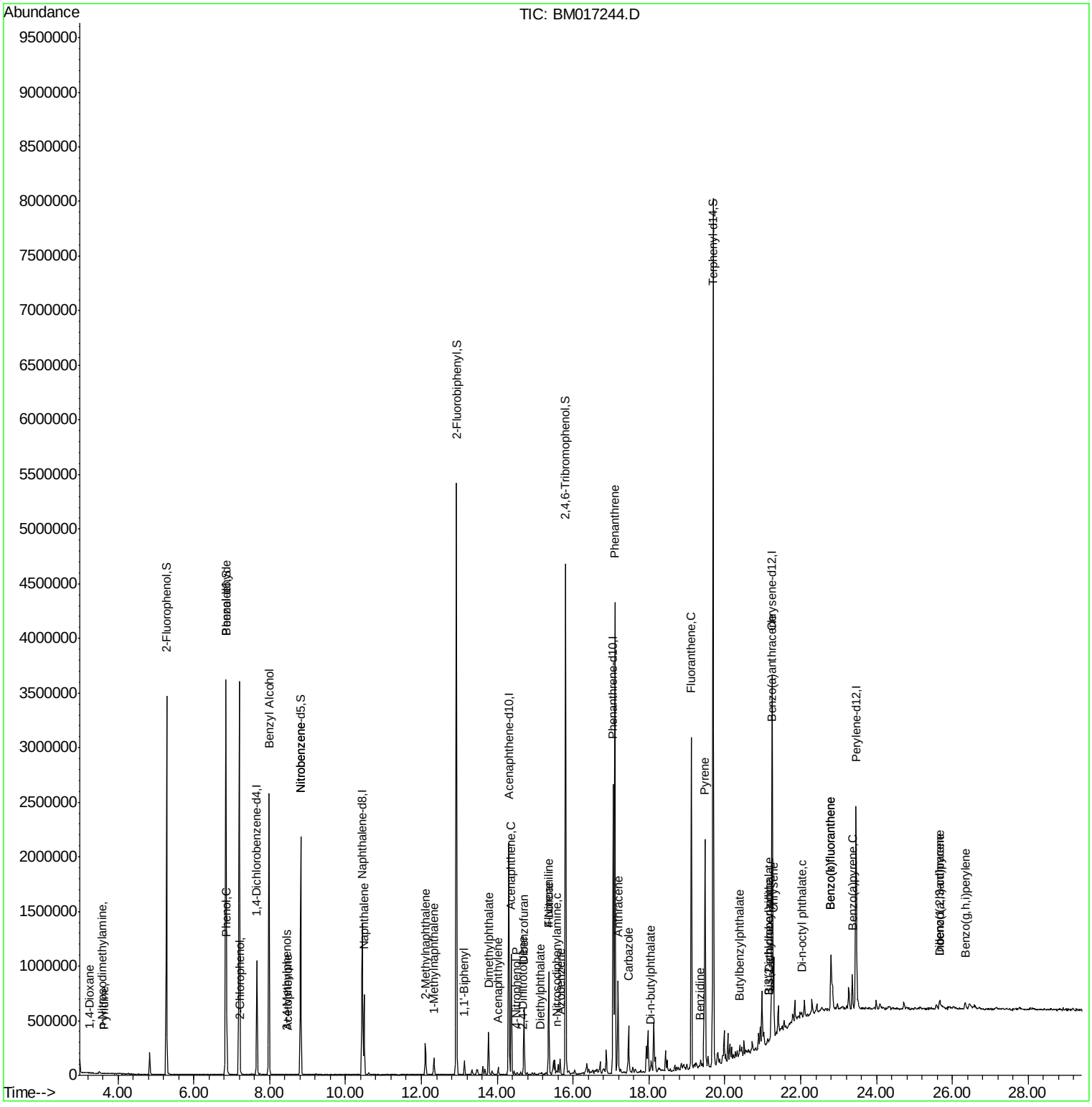
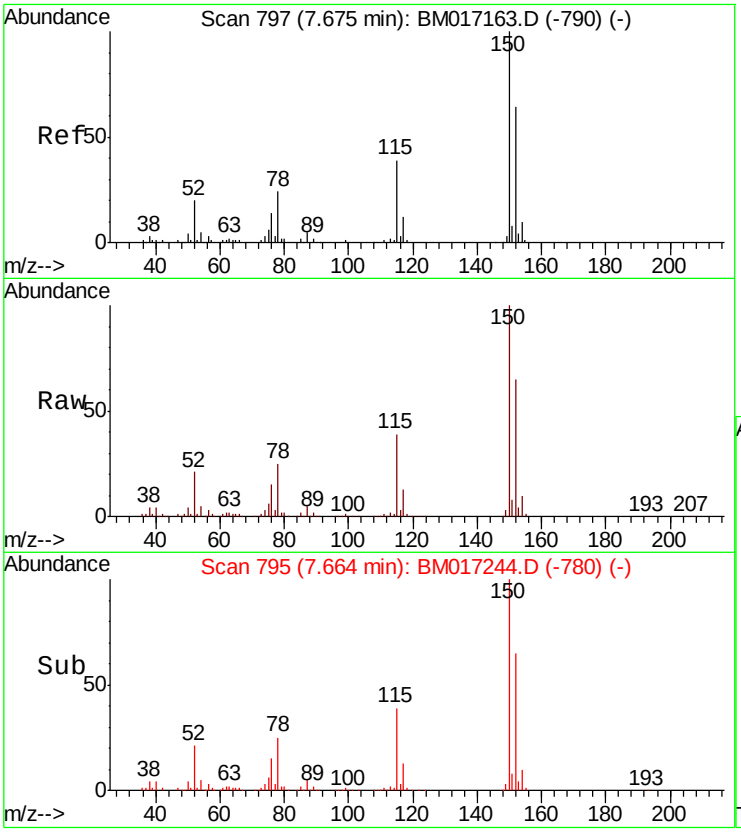


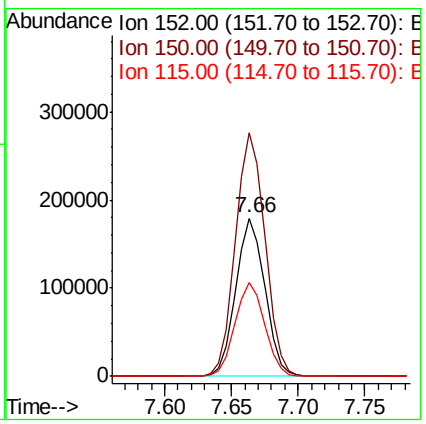


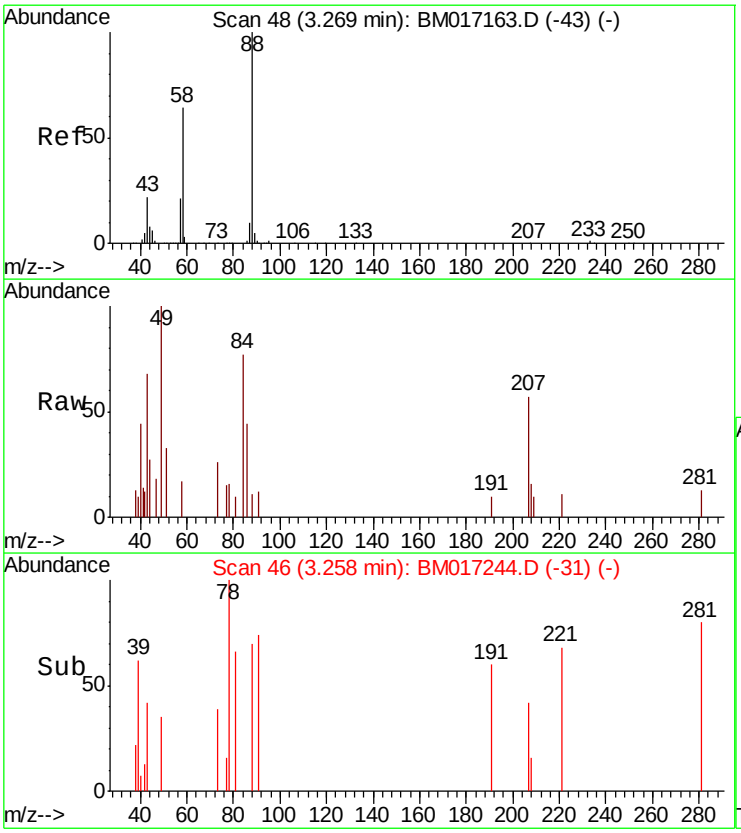
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 270765

Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.3	186.5
115	59.2	48.1	72.1

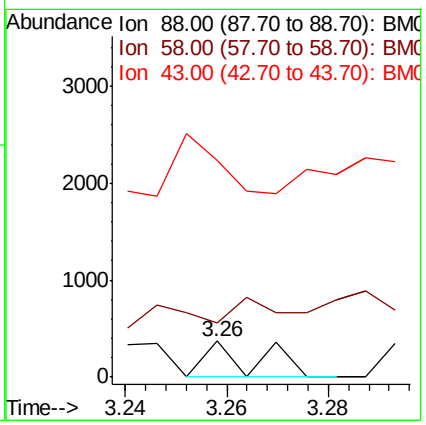


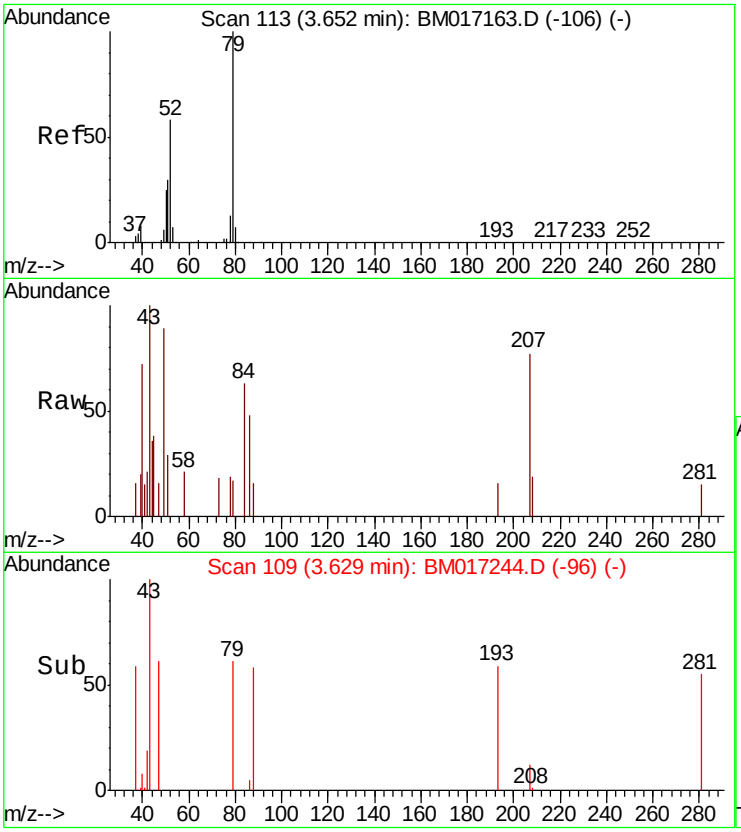


#2
1,4-Dioxane
Concen: 0.032 ng
RT: 3.26 min Scan# 46
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion: 88 Resp: 259

Ion	Ratio	Lower	Upper
88	100		
58	58.7	50.2	75.4
43	134.7	19.3	28.9#



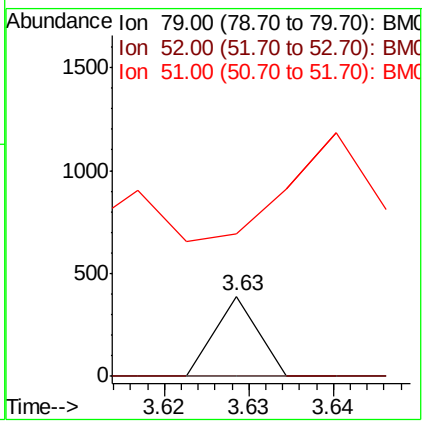


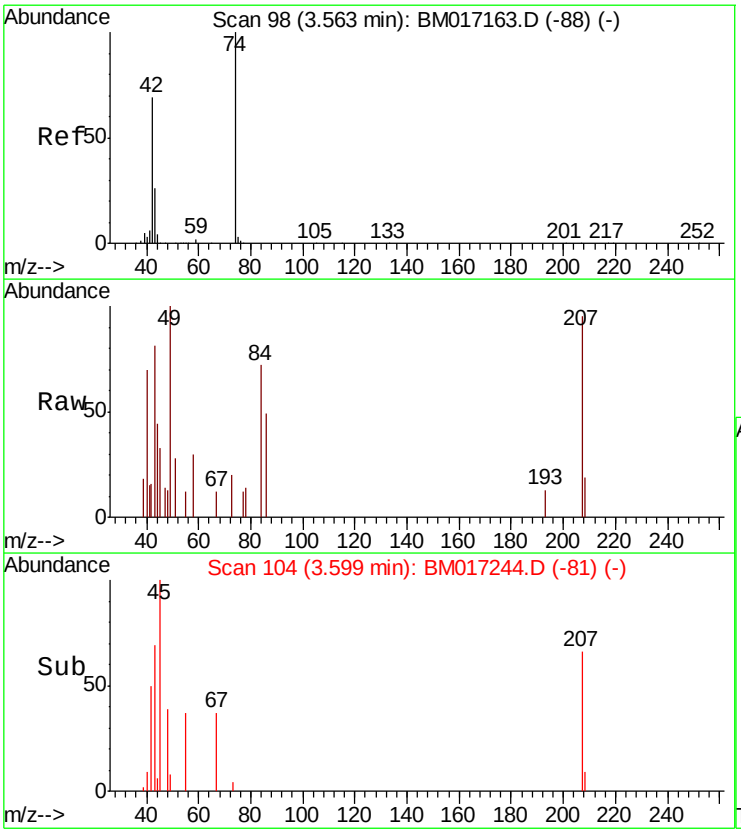
#3
Pyridine
Concen: 0.007 ng
RT: 3.63 min Scan# 109
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 79 Resp: 138

Ion	Ratio	Lower	Upper
79	100		
52	0.0	46.5	69.7#
51	177.5	24.6	37.0#

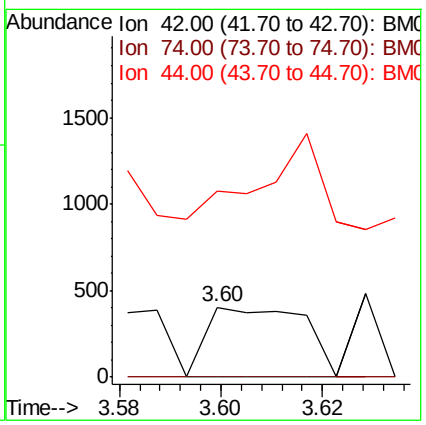


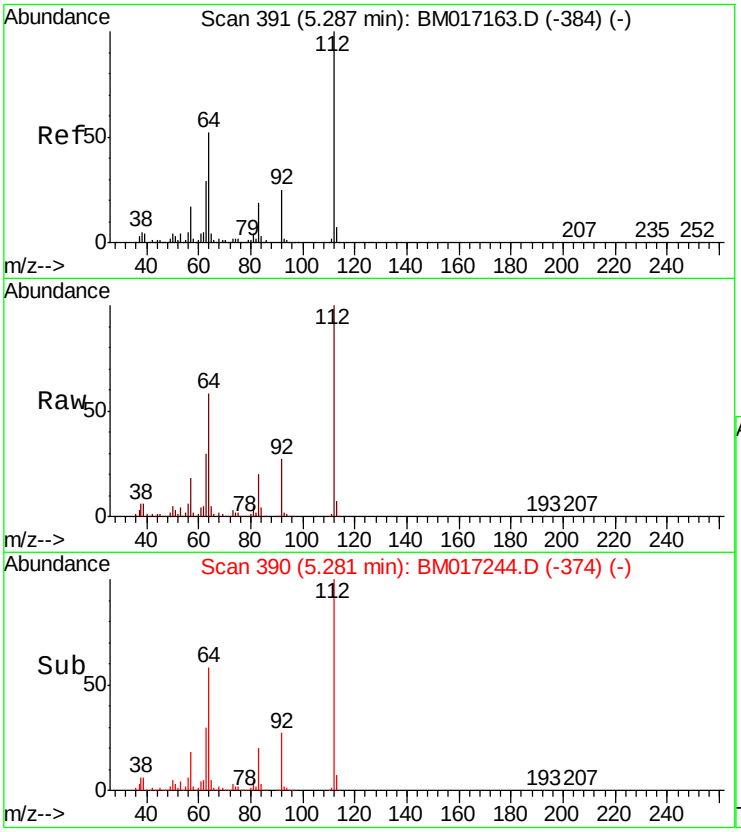


#4
n-Nitrosodimethylamine
Concen: 0.071 ng
RT: 3.60 min Scan# 104
Delta R.T. 0.04 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion: 42 Resp: 534

Ion	Ratio	Lower	Upper
42	100		
74	0.0	114.4	171.6#
44	266.7	48.6	73.0#



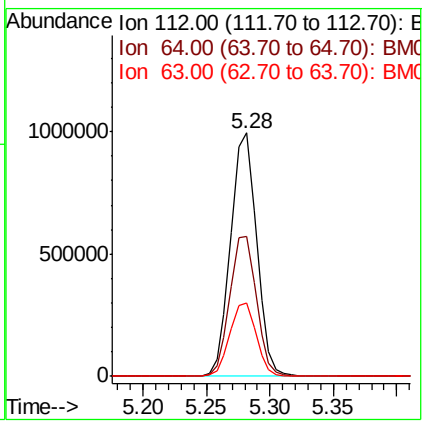


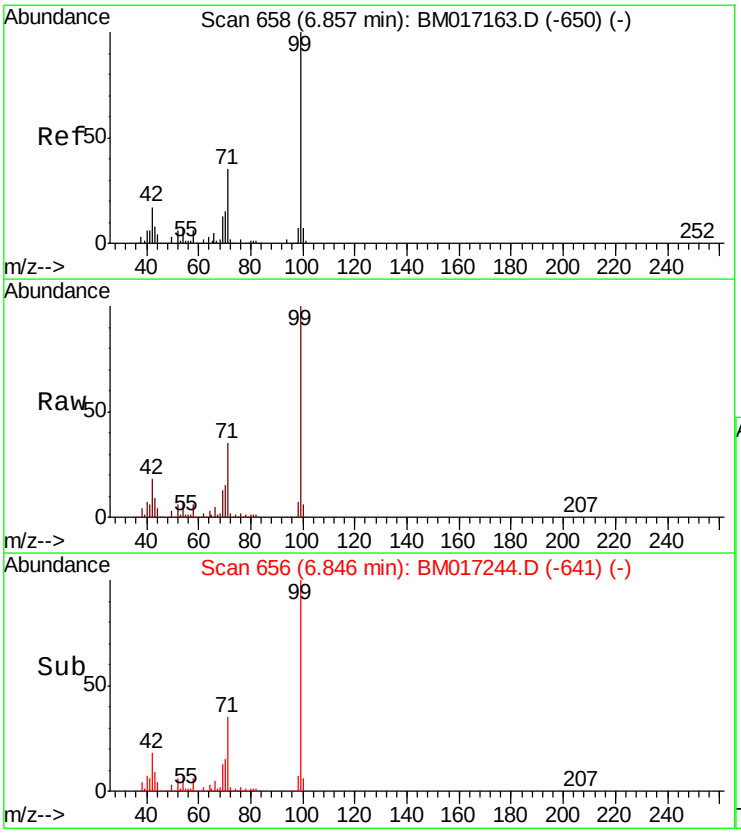
#5
2-Fluorophenol
Concen: 88.437 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.00 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:112 Resp: 1415789

Ion	Ratio	Lower	Upper
112	100		
64	57.6	41.7	62.5
63	30.3	23.0	34.4

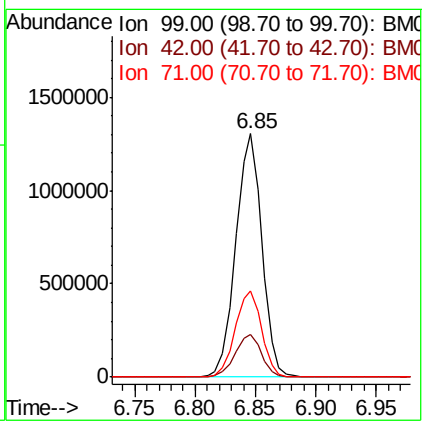


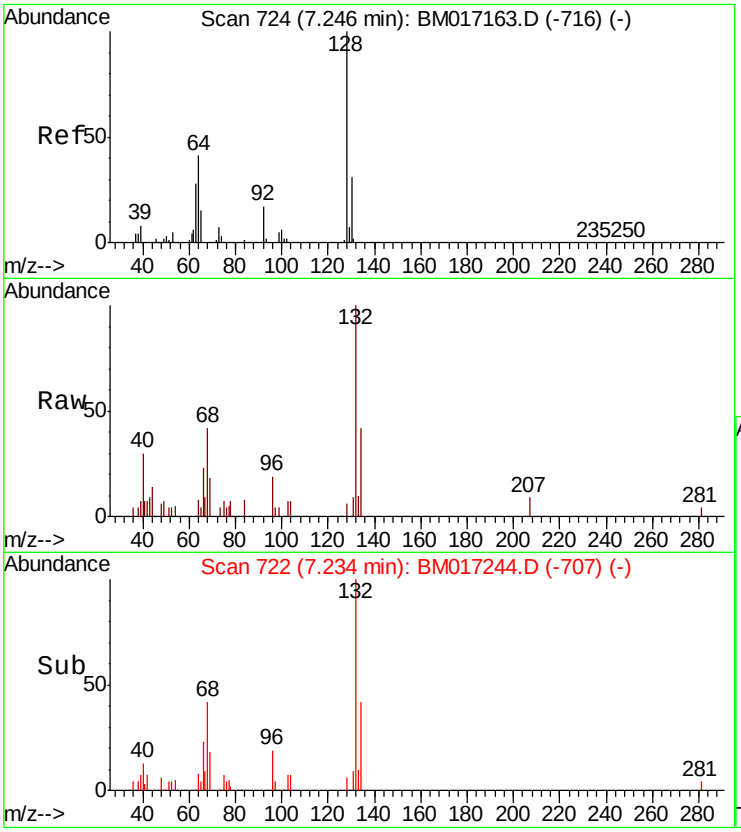


#7
Phenol-d6
Concen: 90.563 ng
RT: 6.85 min Scan# 656
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion: 99 Resp: 1974578

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.3	19.9
71	35.5	28.0	42.0



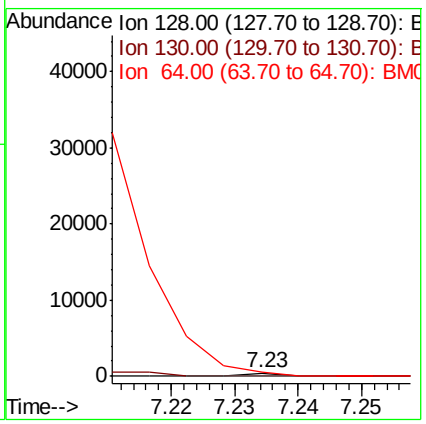


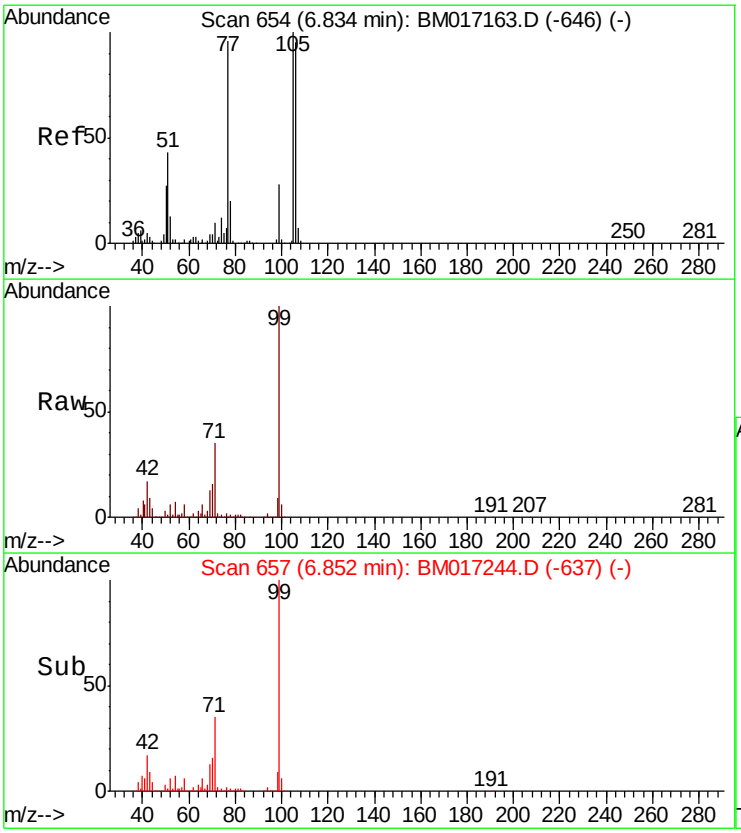
#8
2-Chlorophenol
Concen: 0.009 ng
RT: 7.23 min Scan# 722
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 160

Ion	Ratio	Lower	Upper
128	100		
130	0.0	11.0	51.0#
64	136.6	24.1	64.1#

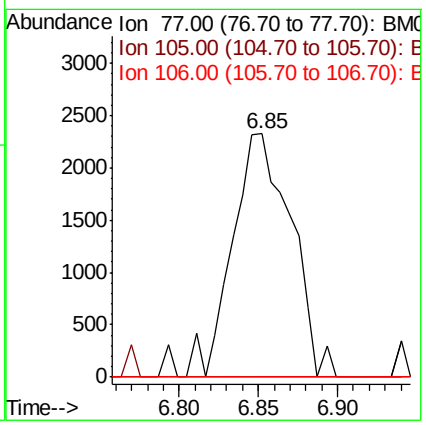


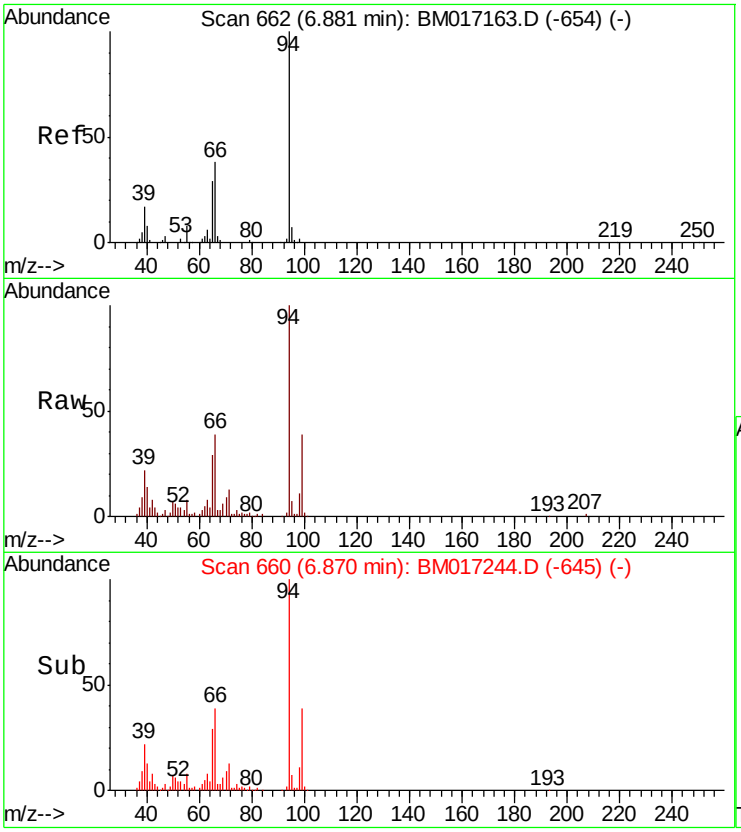


#9
Benzaldehyde
Concen: 0.431 ng
RT: 6.85 min Scan# 657
Delta R.T. 0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion: 77 Resp: 5985

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



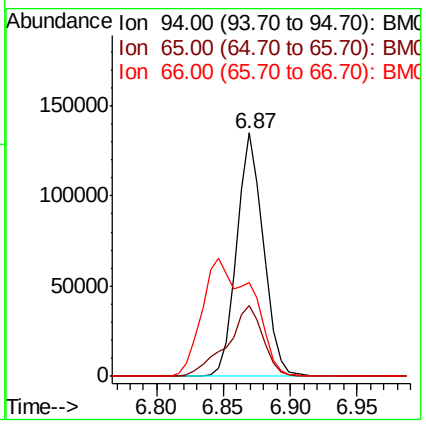


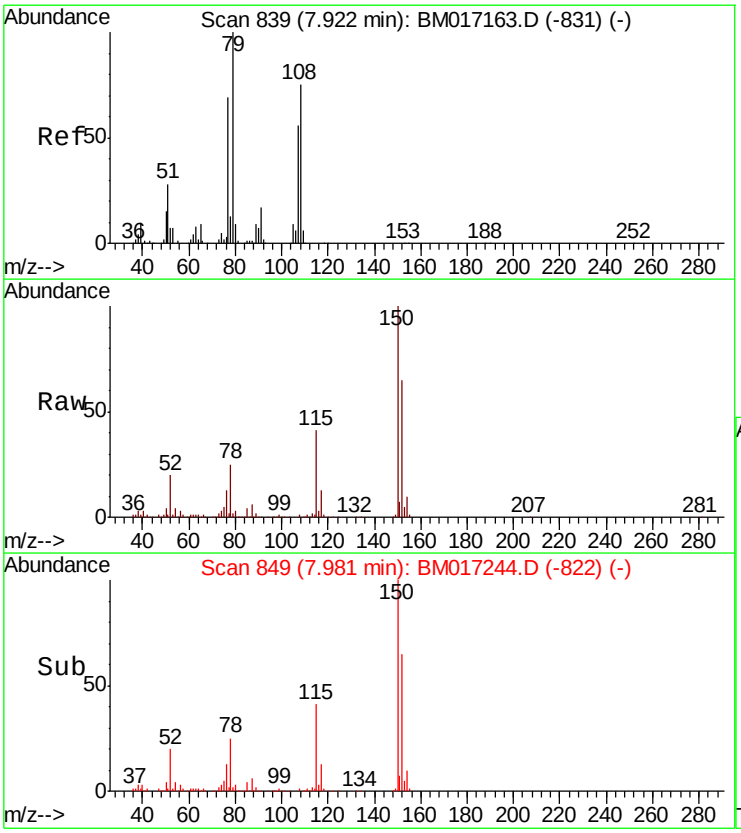
#10
Phenol
Concen: 7.944 ng
RT: 6.87 min Scan# 660
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 186406

Ion	Ratio	Lower	Upper
94	100		
65	29.1	9.4	49.4
66	38.5	19.0	59.0

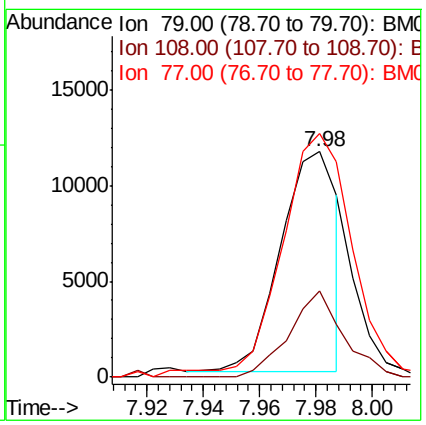


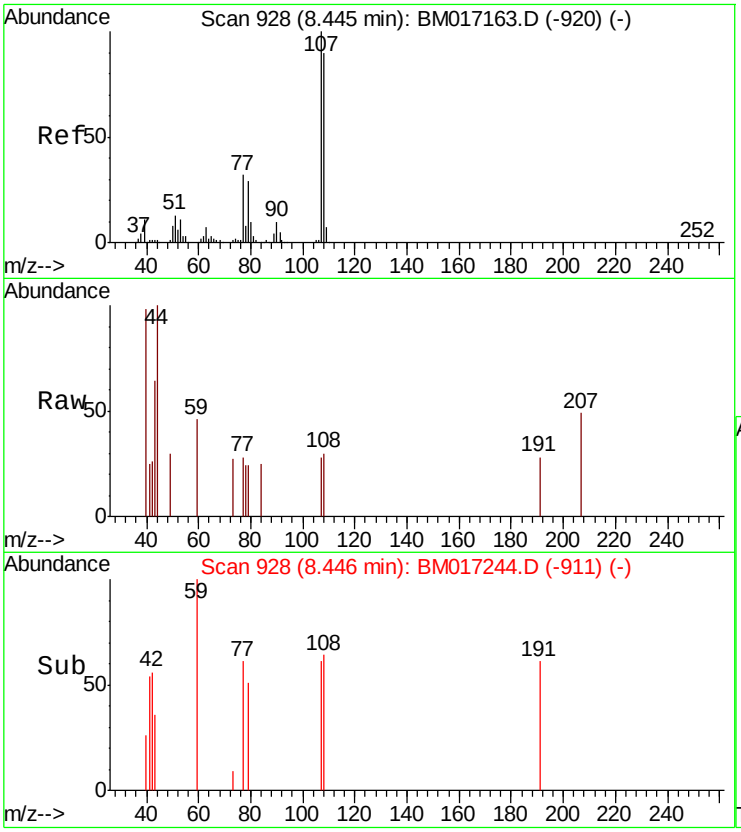


#15
Benzyl Alcohol
Concen: 1.001 ng
RT: 7.98 min Scan# 849
Delta R.T. 0.06 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion: 79 Resp: 15946

Ion	Ratio	Lower	Upper
79	100		
108	38.2	60.3	90.5#
77	108.0	54.8	82.2#



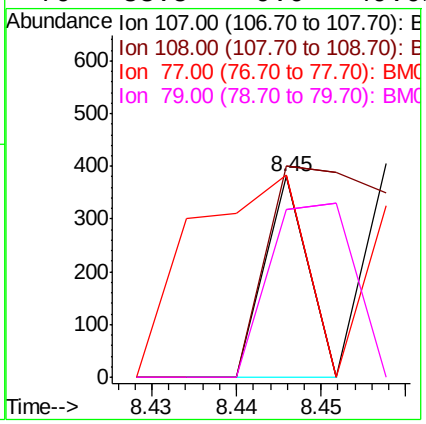


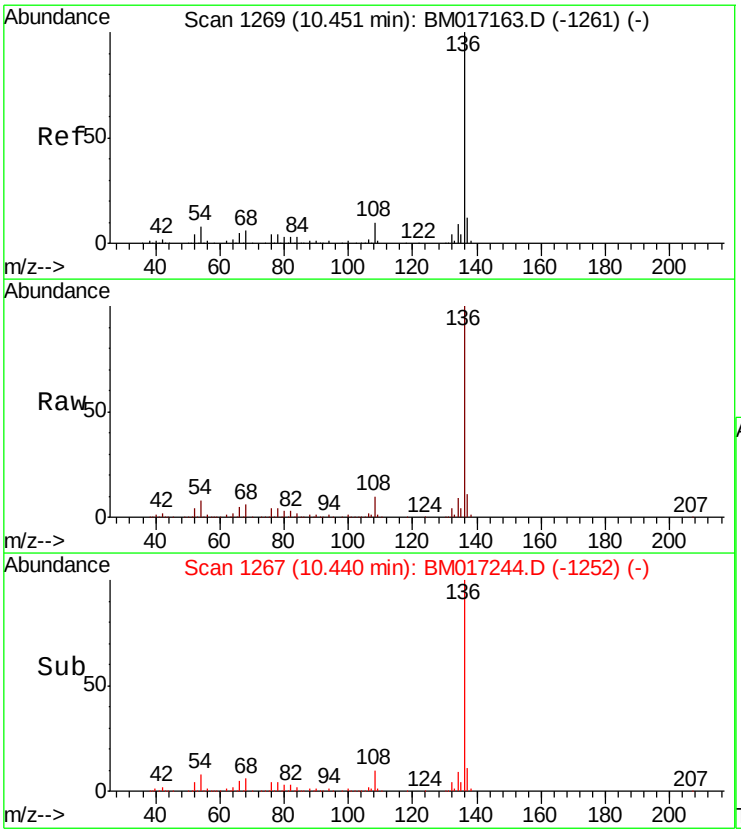
#20
3+4-Methylphenols
Concen: 0.007 ng
RT: 8.45 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 134

Ion	Ratio	Lower	Upper
107	100		
108	105.2	69.9	109.9
77	100.5	12.2	52.2#
79	83.5	9.0	49.0#

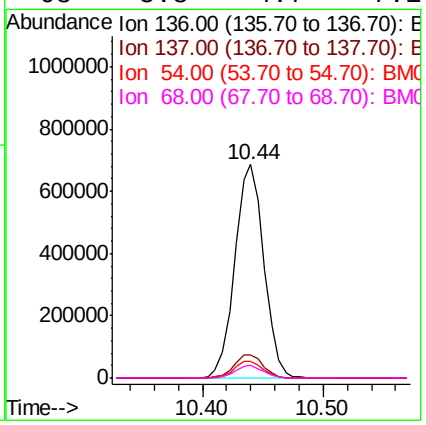


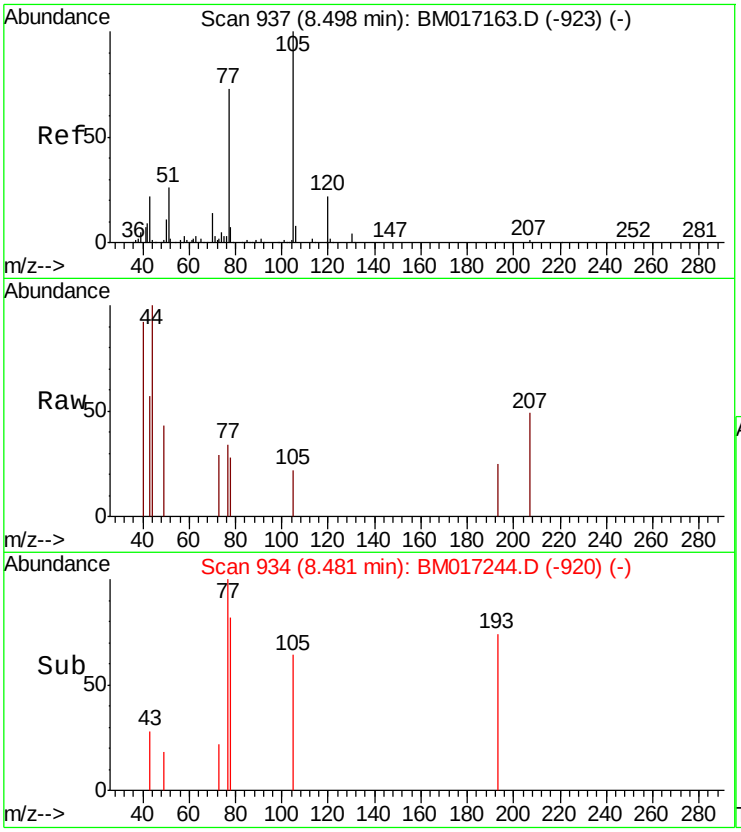


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:136 Resp: 1151957

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.9	6.7	10.1
68	5.8	4.7	7.1



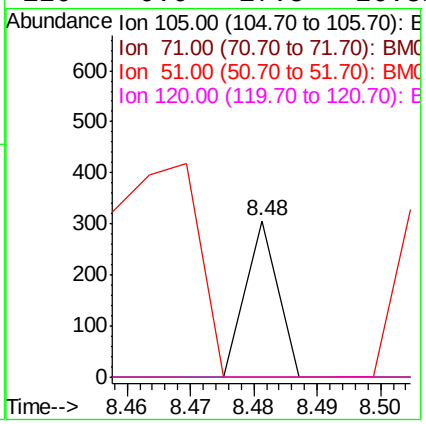


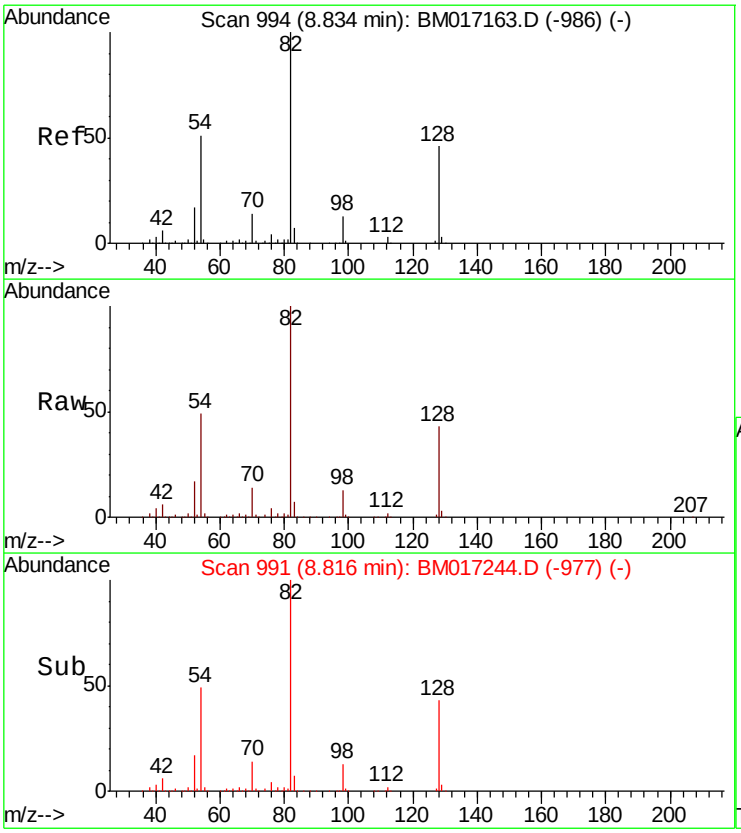
#22
Acetophenone
Concen: 0.004 ng
RT: 8.48 min Scan# 934
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 108

Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.0	3.0#
51	0.0	20.6	31.0#
120	0.0	17.5	26.3#

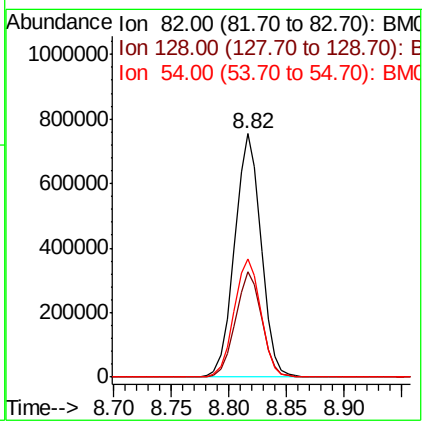


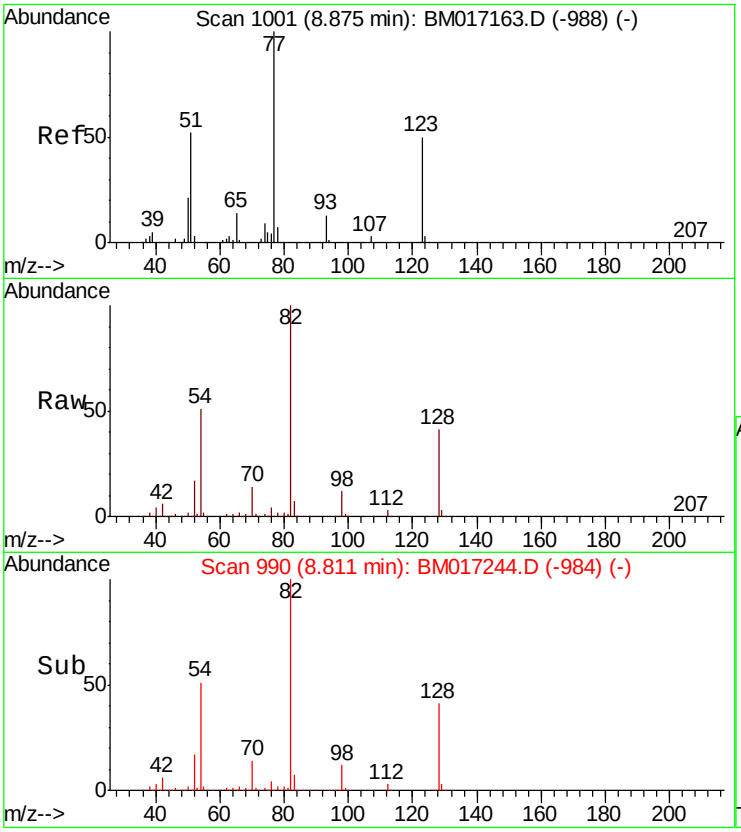


#23
Nitrobenzene-d5
Concen: 60.696 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion: 82 Resp: 1195493

Ion	Ratio	Lower	Upper
82	100		
128	43.2	37.0	55.6
54	48.7	40.7	61.1



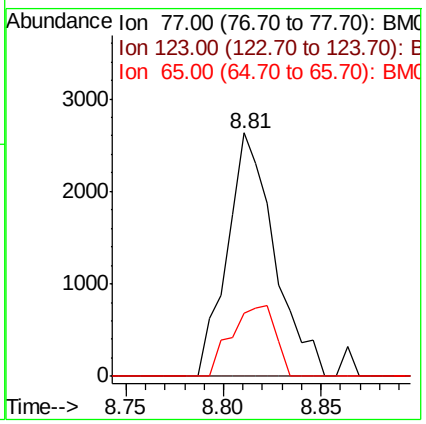


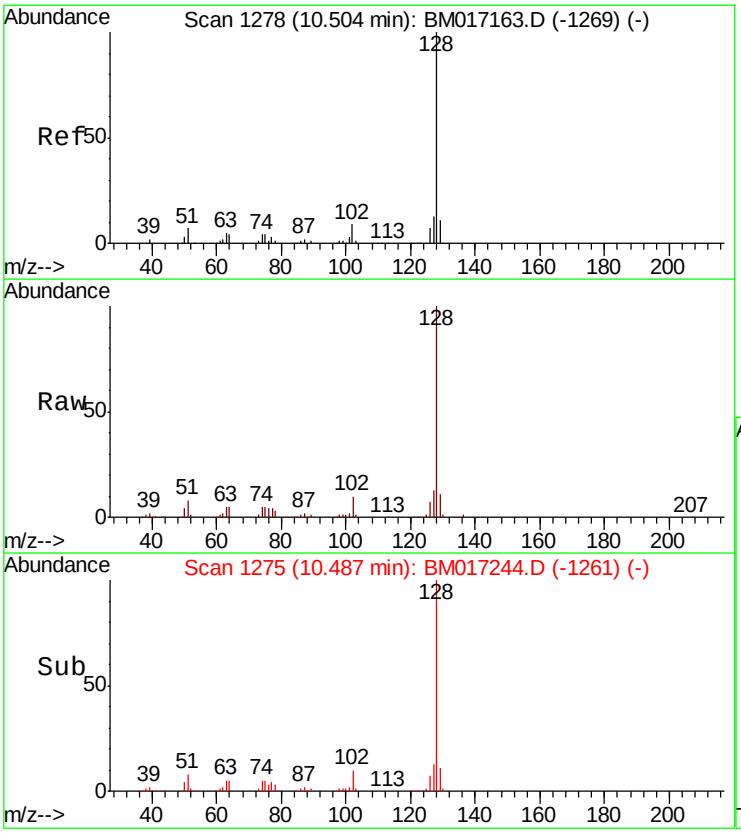
#24
Nitrobenzene
Concen: 0.212 ng
RT: 8.81 min Scan# 990
Delta R.T. -0.06 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 4419

Ion	Ratio	Lower	Upper
77	100		
123	0.0	40.2	60.4#
65	25.8	11.4	17.0#

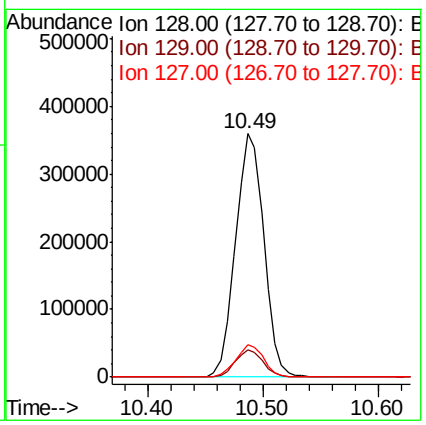


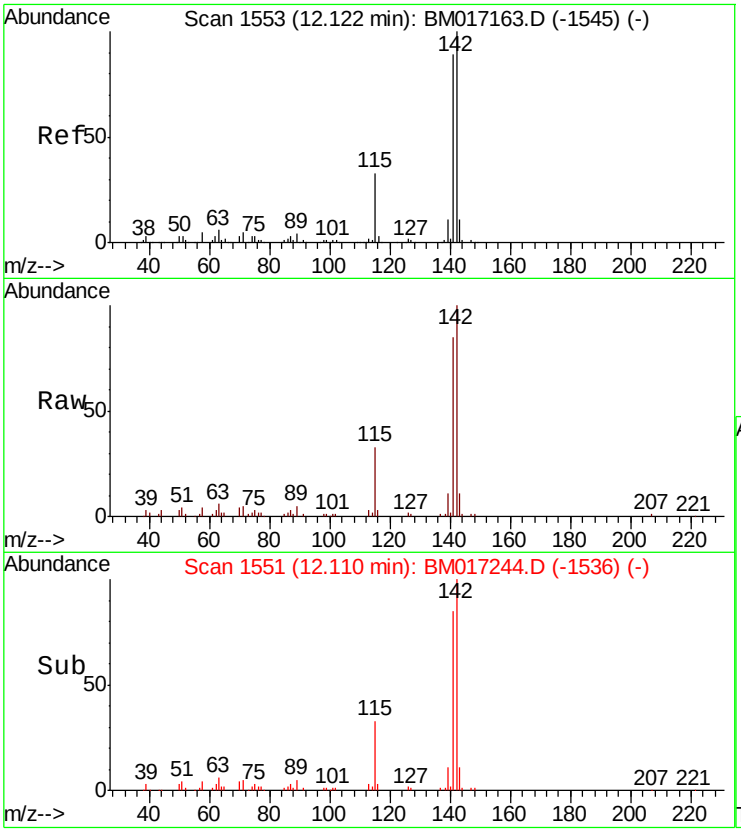


#31
Naphthalene
Concen: 10.826 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:128 Resp: 611154

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	13.1	10.3	15.5



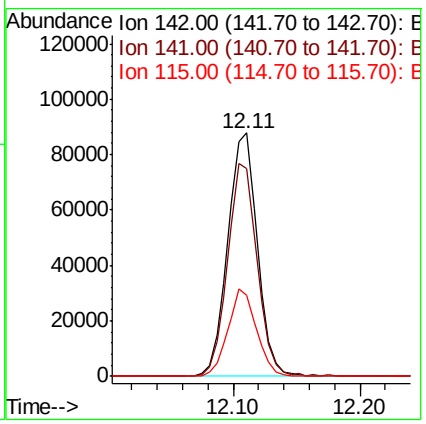


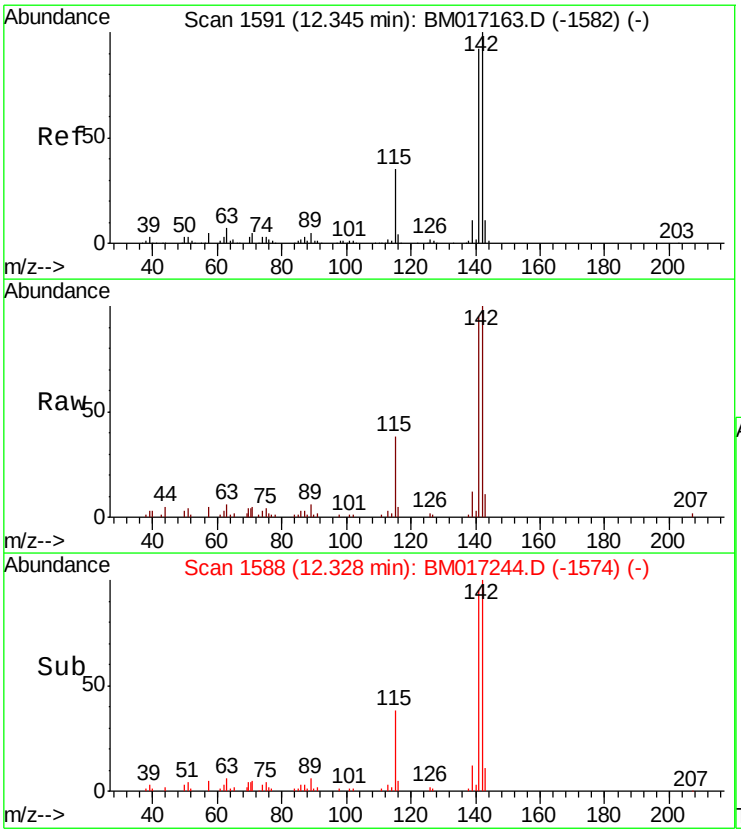
#37
2-Methylnaphthalene
Concen: 3.649 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 140974

Ion	Ratio	Lower	Upper
142	100		
141	85.3	70.9	106.3
115	33.3	26.4	39.6

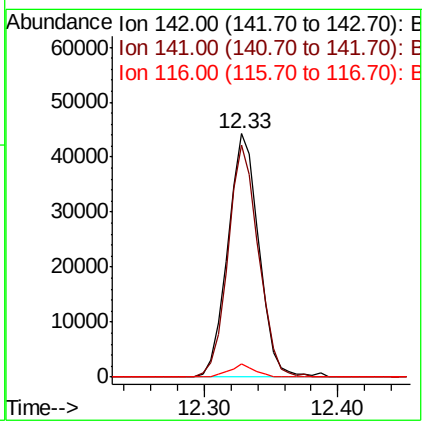


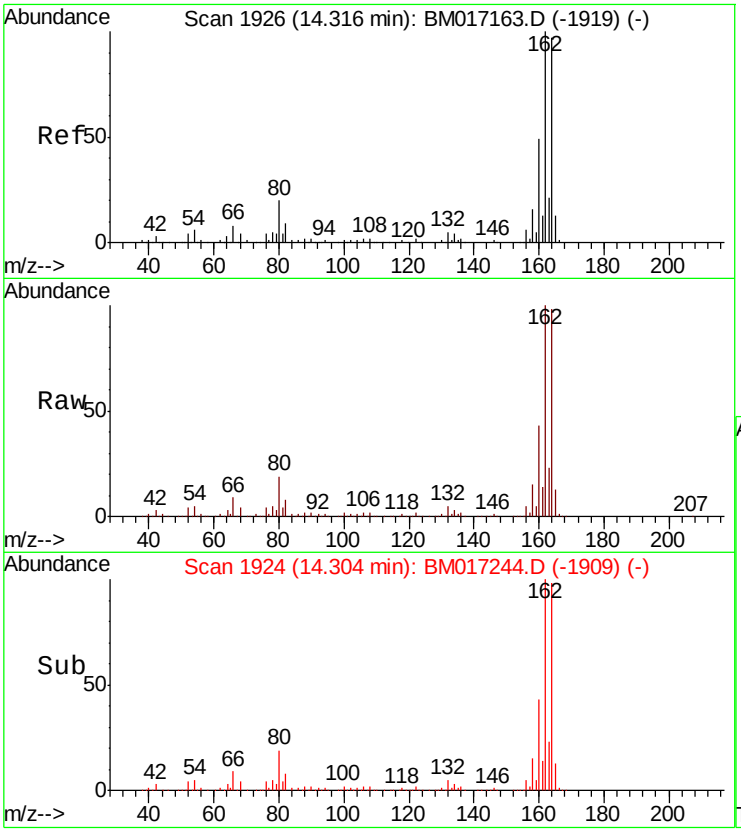


#38
1-Methylnaphthalene
Concen: 1.915 ng
RT: 12.33 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:142 Resp: 72003

Ion	Ratio	Lower	Upper
142	100		
141	95.2	73.8	110.6
116	5.4	2.9	4.3#



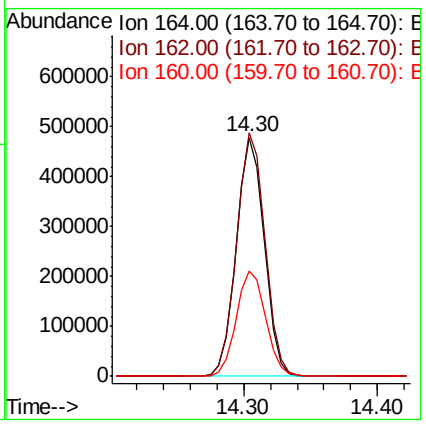


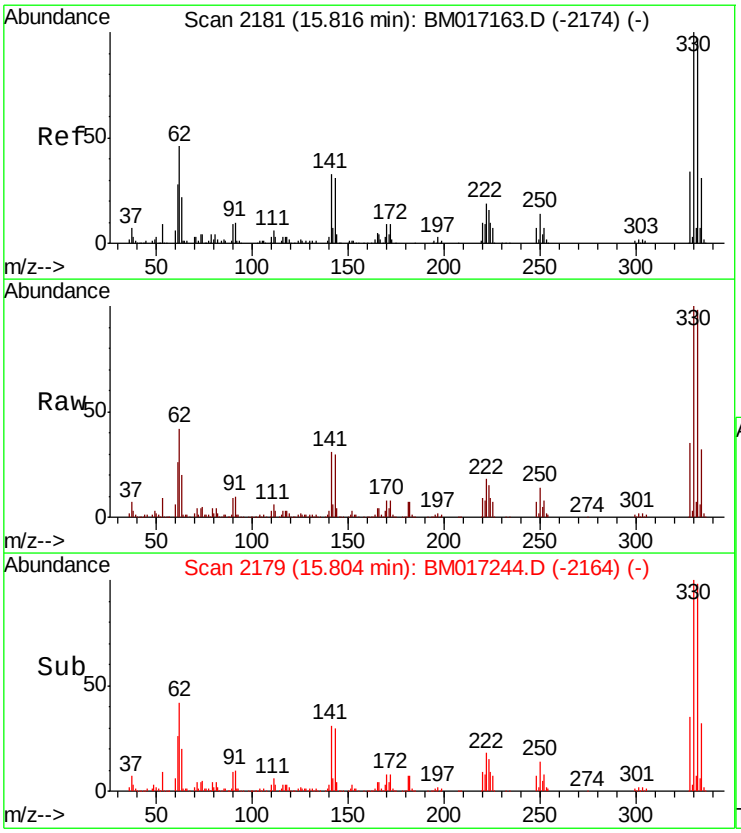
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 691834

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.1	123.1
160	44.2	40.2	60.2

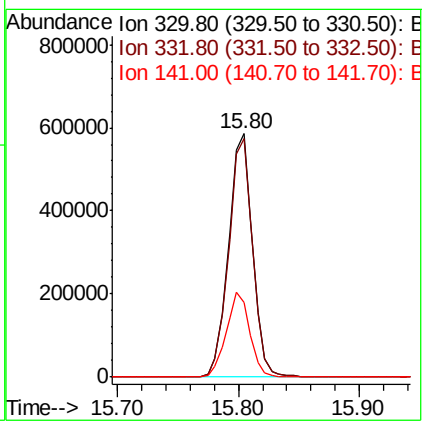


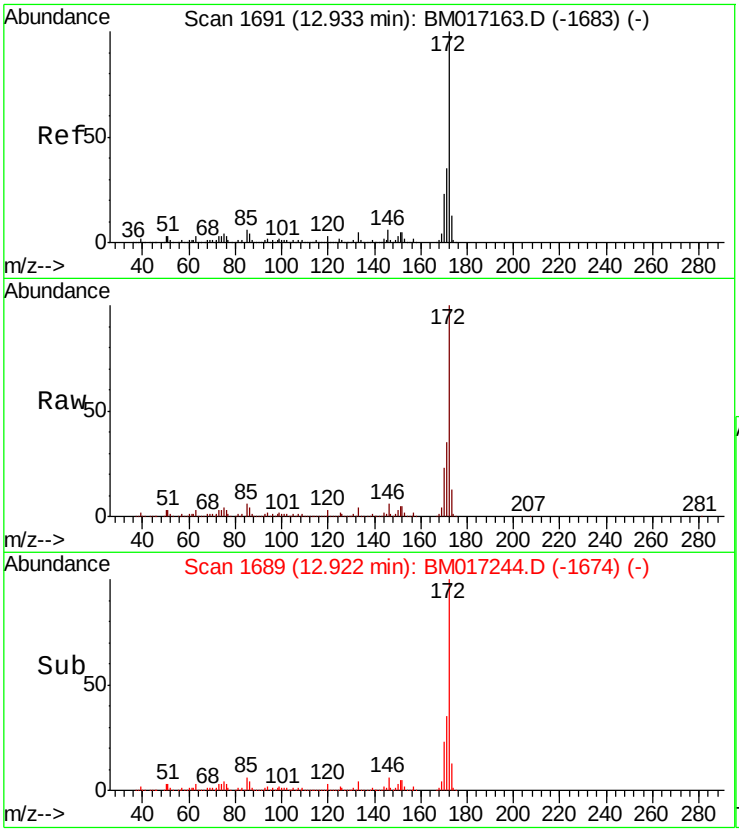


#42
2,4,6-Tribromophenol
Concen: 86.715 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:330 Resp: 811309

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	33.8	27.4	41.0



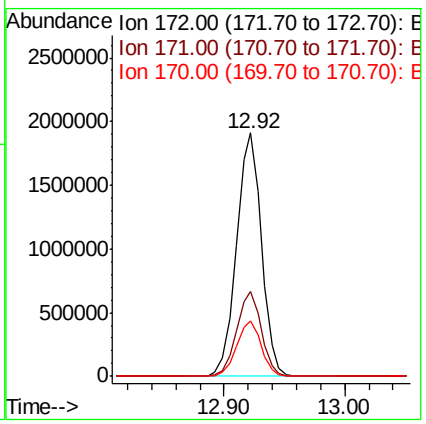


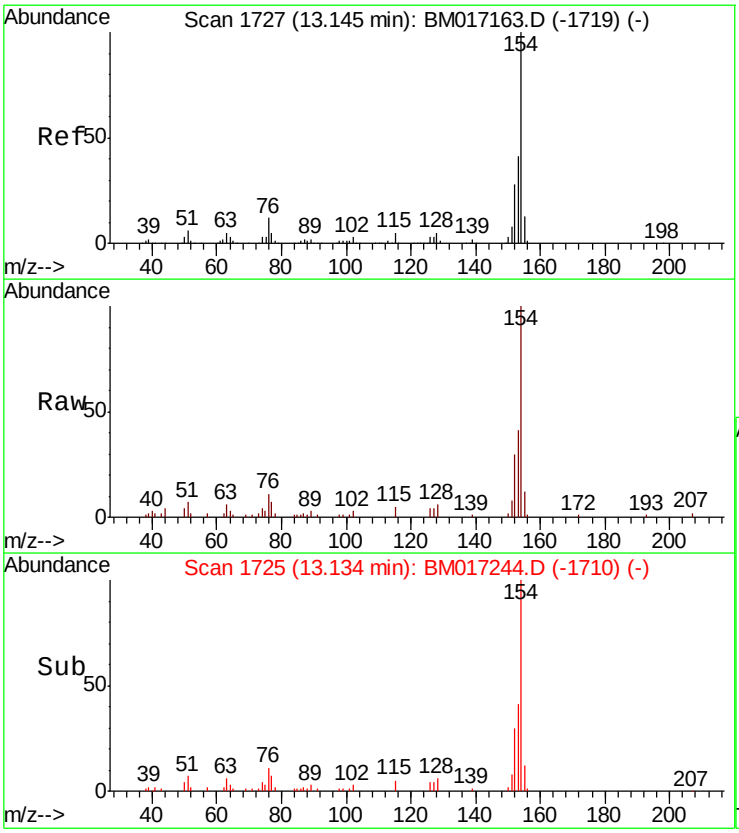
#45
2-Fluorobiphenyl
Concen: 52.748 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 2742715

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	22.8	18.3	27.5

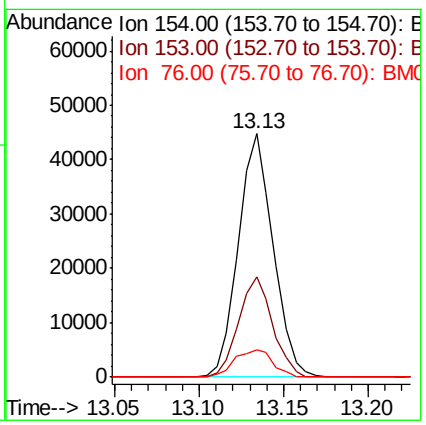


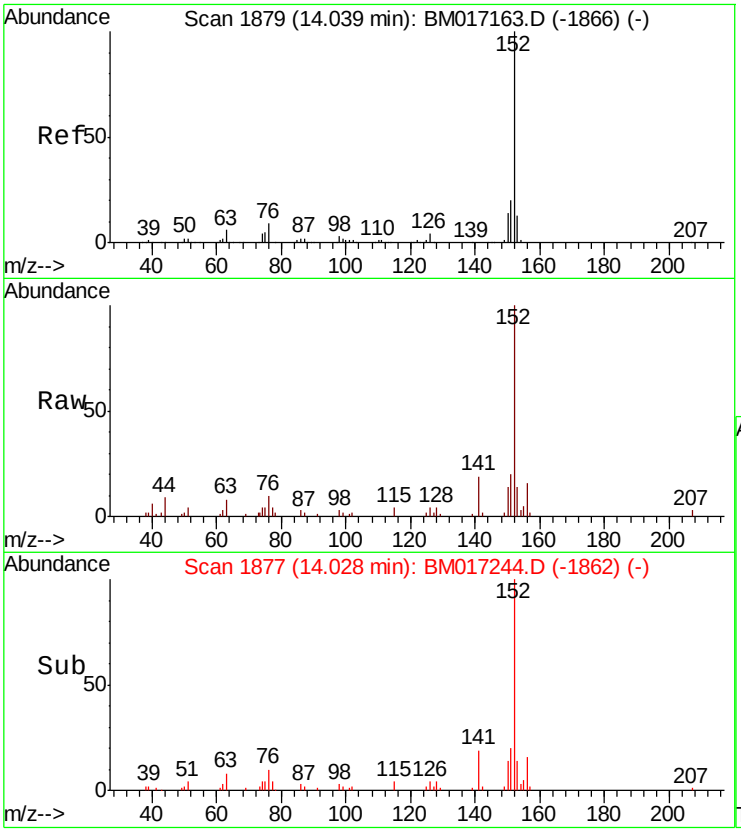


#46
1,1'-Biphenyl
Concen: 1.031 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:154 Resp: 64197

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.5	60.5
76	11.4	0.0	31.8



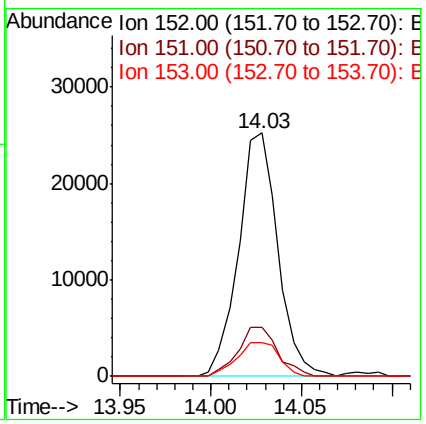


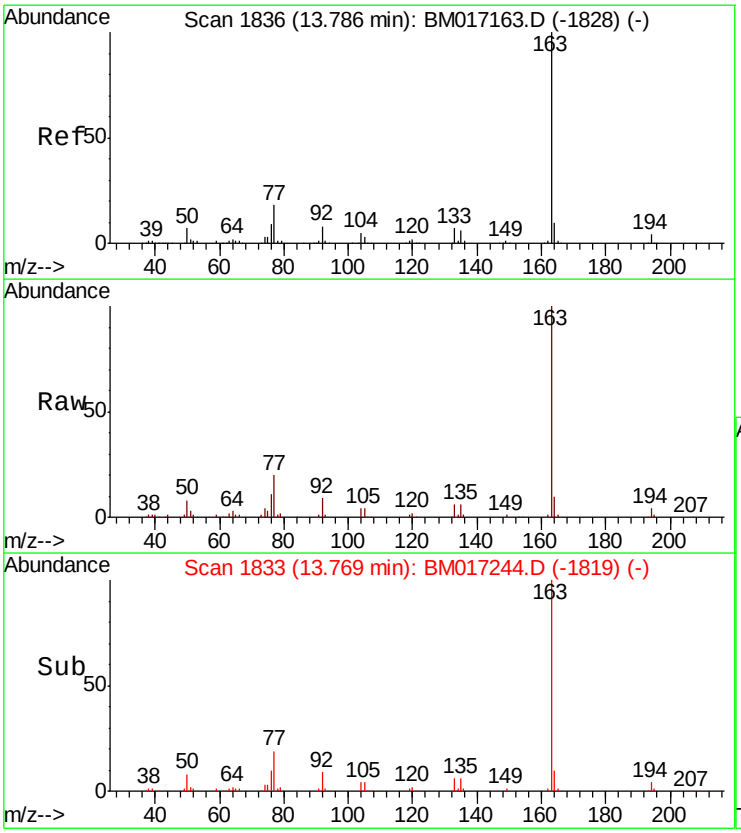
#49
Acenaphthylene
Concen: 0.574 ng
RT: 14.03 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 38102

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.7	10.4	15.6

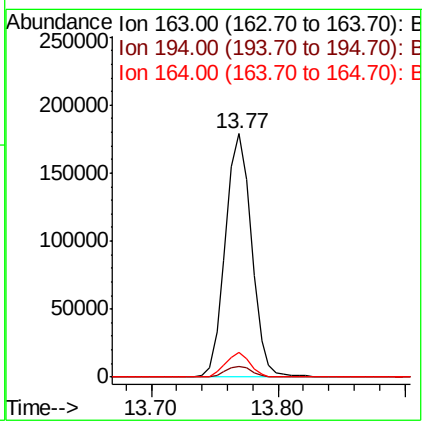


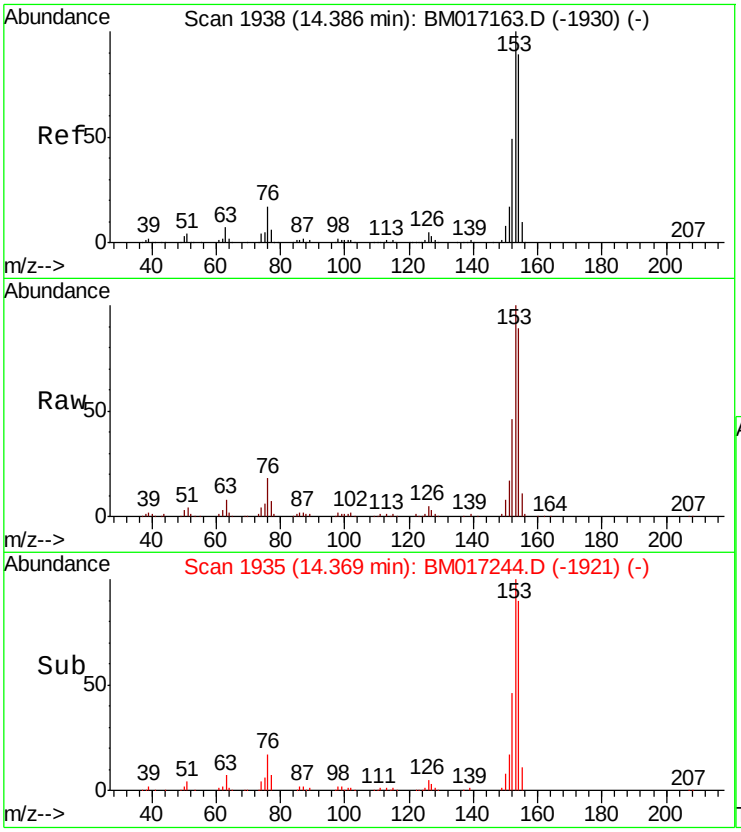


#50
Dimethylphthalate
Concen: 4.803 ng
RT: 13.77 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:163 Resp: 256370

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.2	7.8	11.8



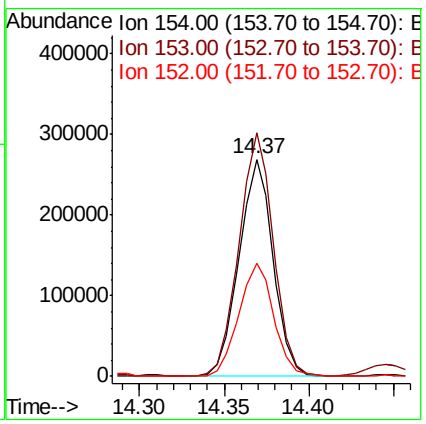


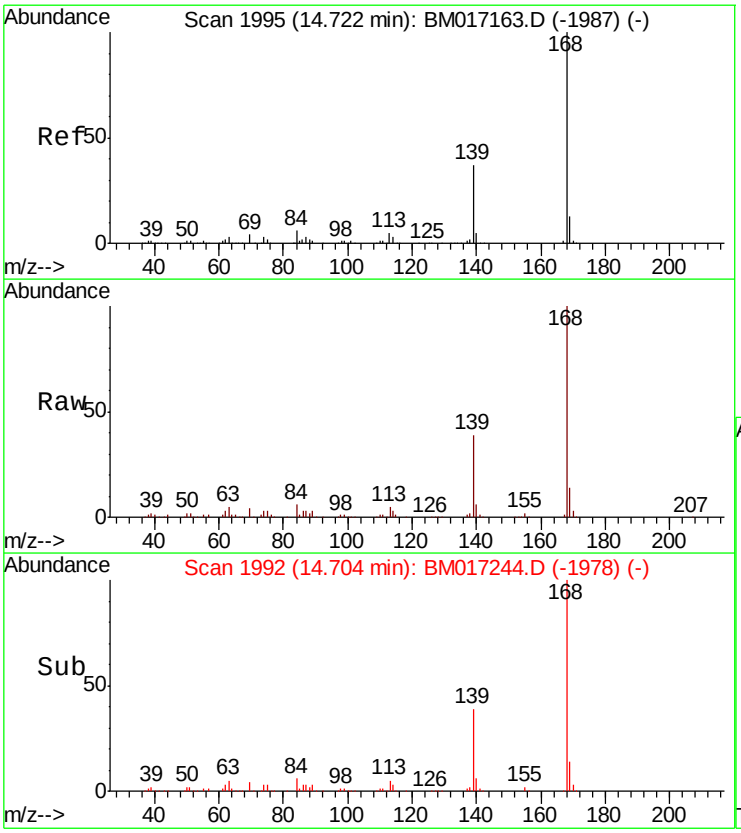
#52
Acenaphthene
Concen: 9.058 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 377572

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.2	135.2
152	52.1	44.2	66.4

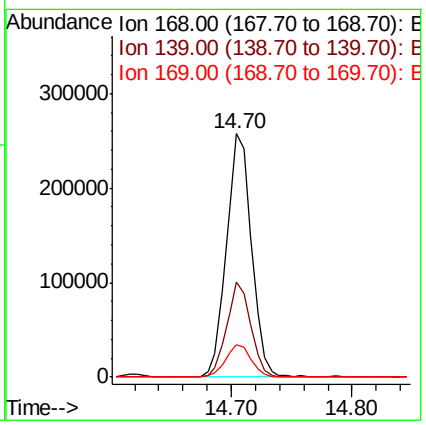


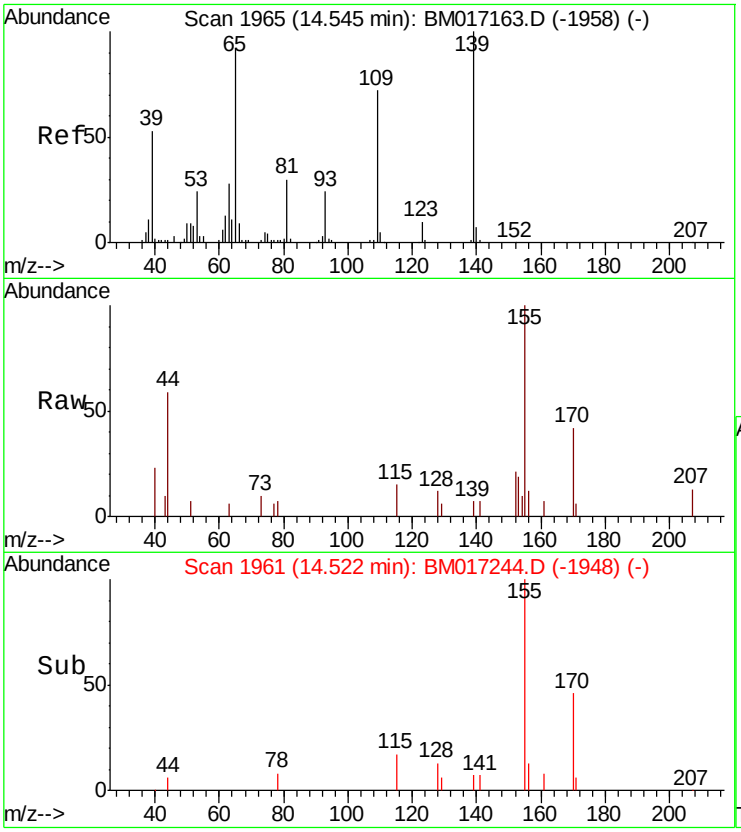


#55
Dibenzofuran
Concen: 5.387 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:168 Resp: 373404

Ion	Ratio	Lower	Upper
168	100		
139	38.9	29.3	43.9
169	13.6	10.6	15.8



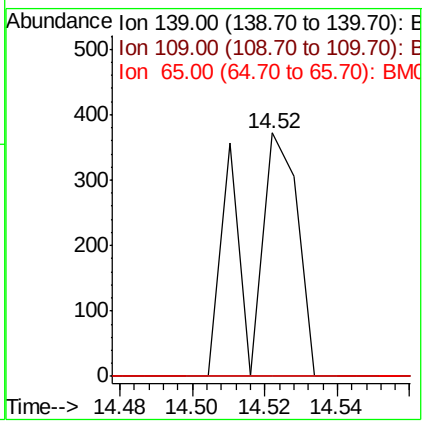


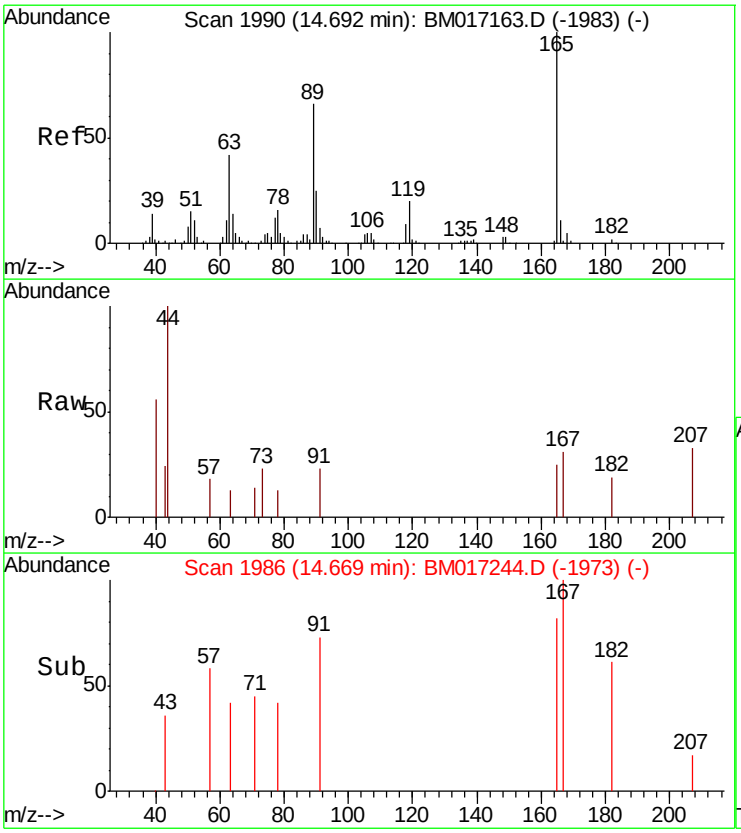
#56
4-Nitrophenol
Concen: 4.746 ng
RT: 14.52 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:139 Resp: 365

Ion	Ratio	Lower	Upper
139	100		
109	0.0	51.8	91.8#
65	0.0	72.1	112.1#

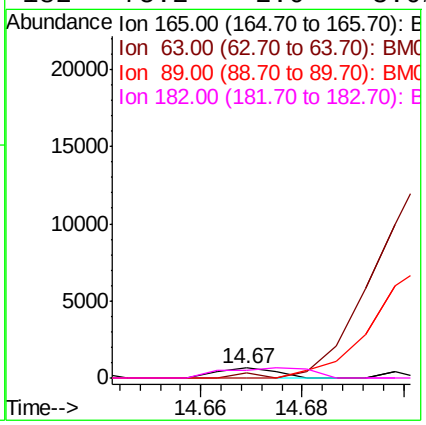


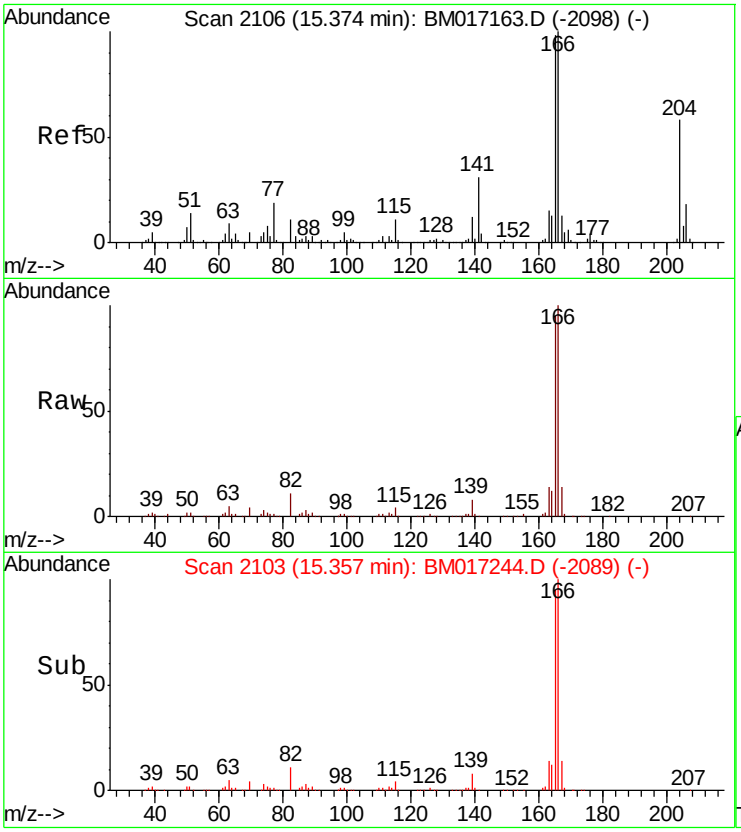


#57
2,4-Dinitrotoluene
Concen: 0.032 ng
RT: 14.67 min Scan# 1986
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:165 Resp: 510

Ion	Ratio	Lower	Upper
165	100		
63	51.9	33.8	50.8#
89	0.0	53.1	79.7#
182	75.2	2.0	3.0#



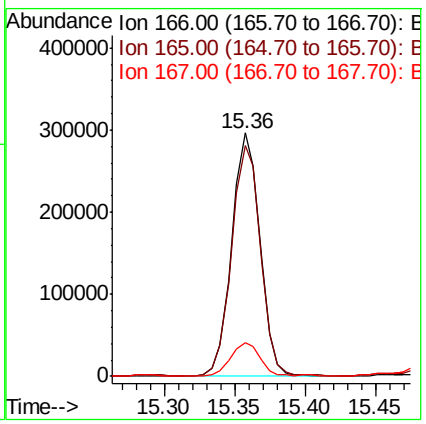


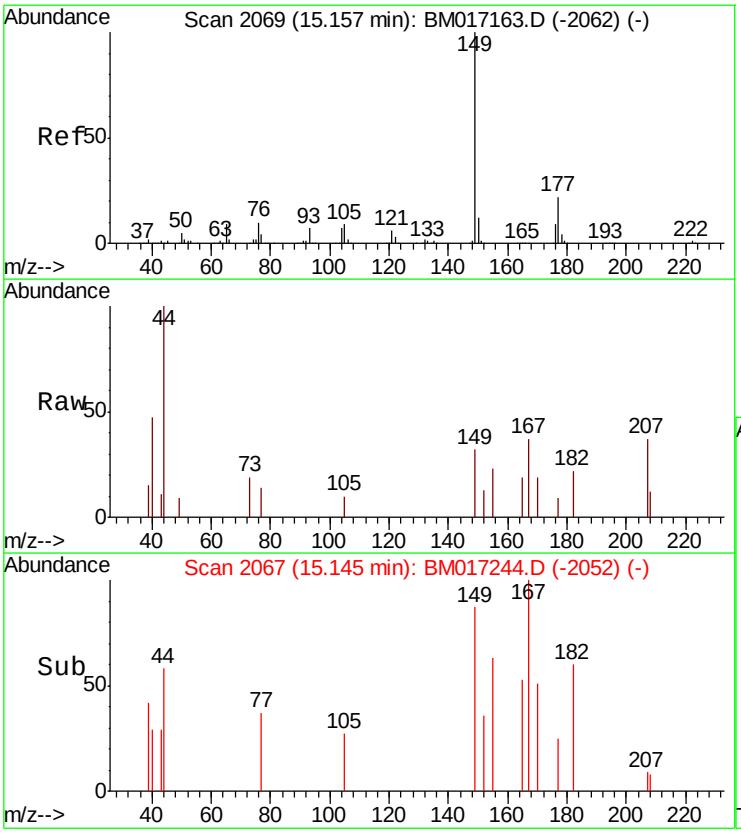
#58
Fluorene
Concen: 8.033 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 412145

Ion	Ratio	Lower	Upper
166	100		
165	95.1	78.1	117.1
167	13.8	10.6	16.0

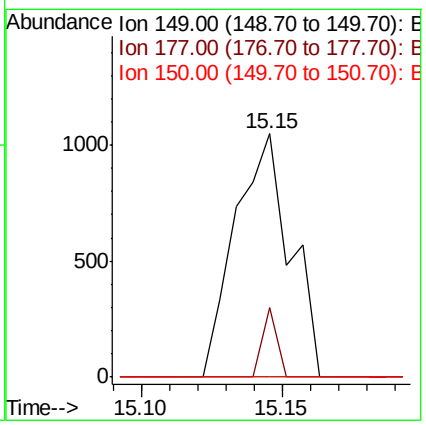


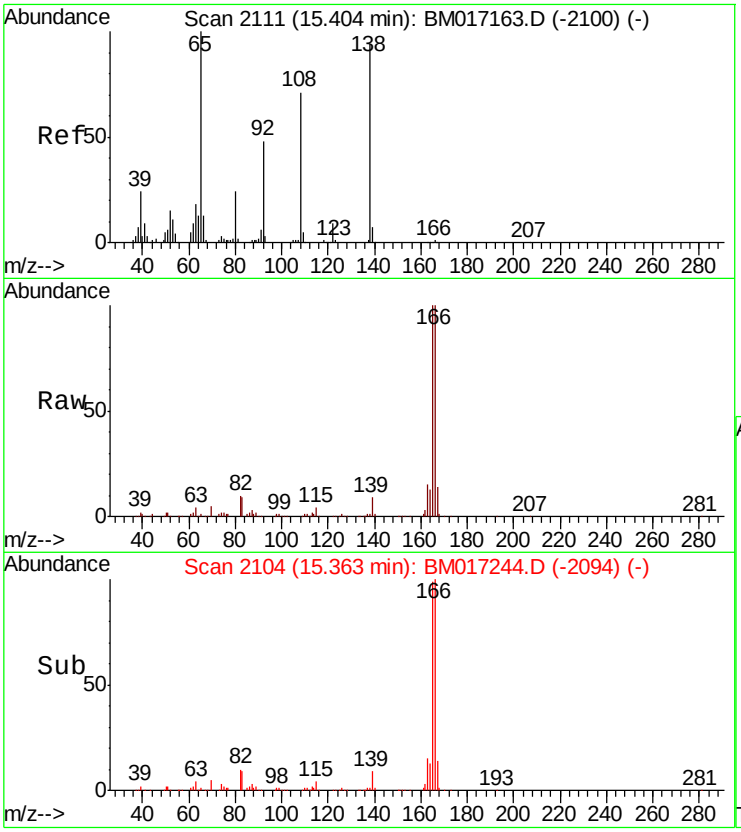


#60
Diethylphthalate
Concen: 0.027 ng
RT: 15.15 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:149 Resp: 1417

Ion	Ratio	Lower	Upper
149	100		
177	28.6	17.7	26.5#
150	0.0	10.0	15.0#



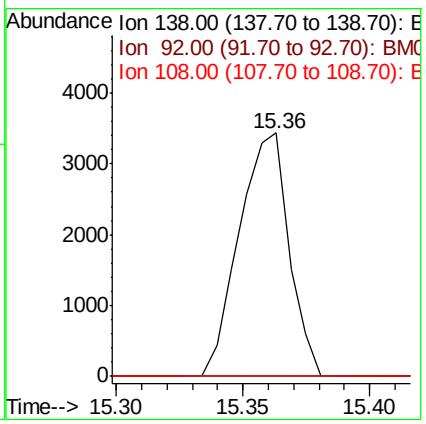


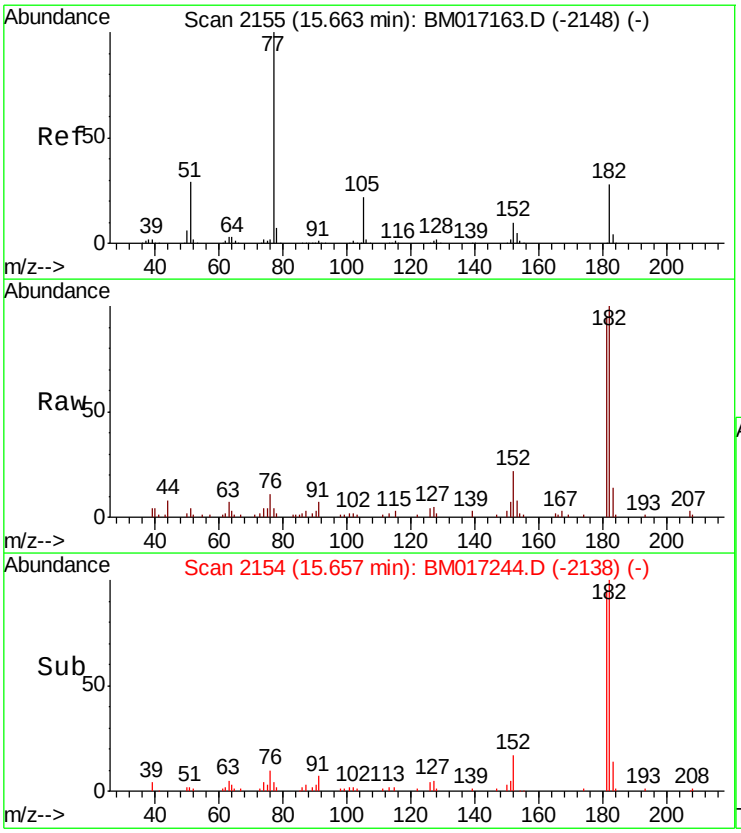
#62
4-Nitroaniline
Concen: 5.054 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.04 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 4720

Ion	Ratio	Lower	Upper
138	100		
92	0.0	31.2	71.2#
108	0.0	55.5	95.5#

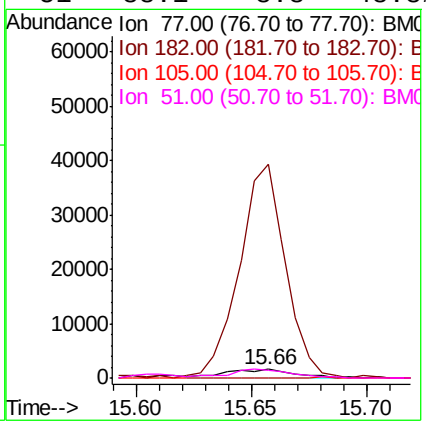


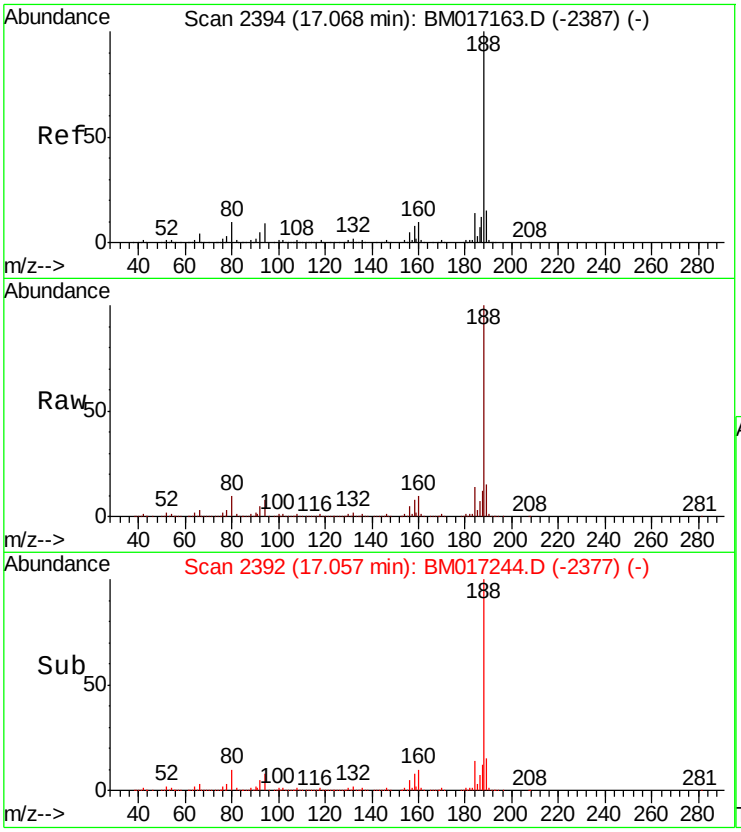


#63
Azobenzene
Concen: 0.061 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion: 77 Resp: 3137

Ion	Ratio	Lower	Upper
77	100		
182	2494.4	8.3	48.3#
105	0.0	1.5	41.5#
51	88.1	8.8	48.8#



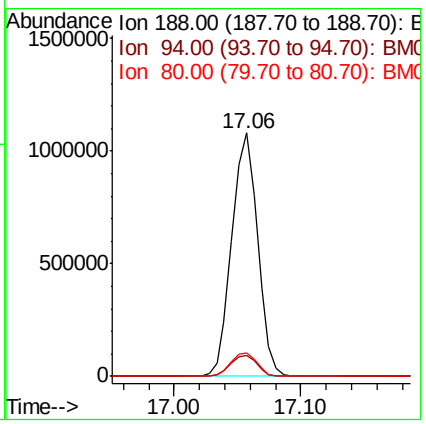


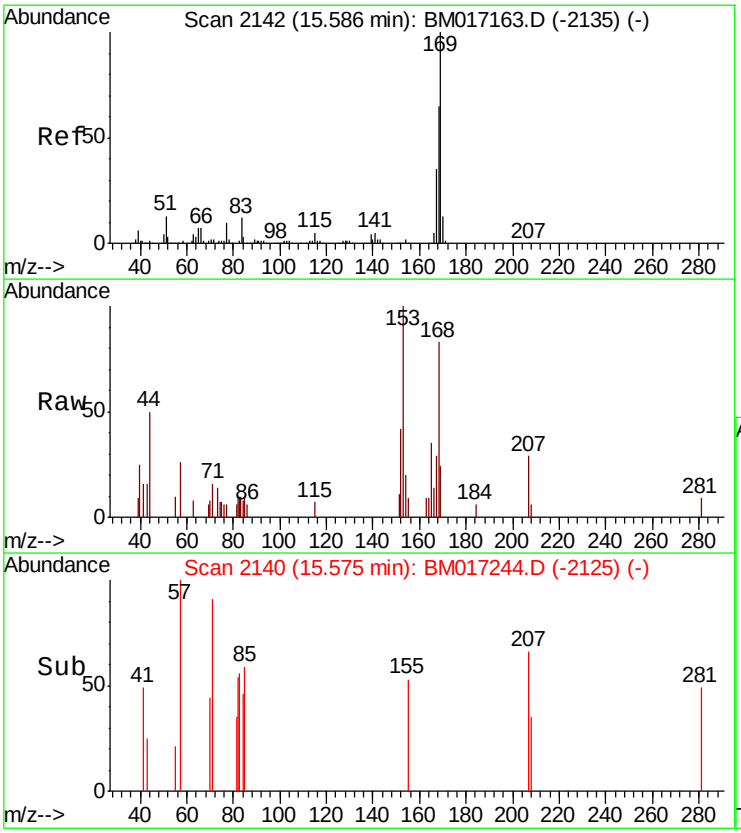
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 1520312

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.4
80	9.6	7.7	11.5

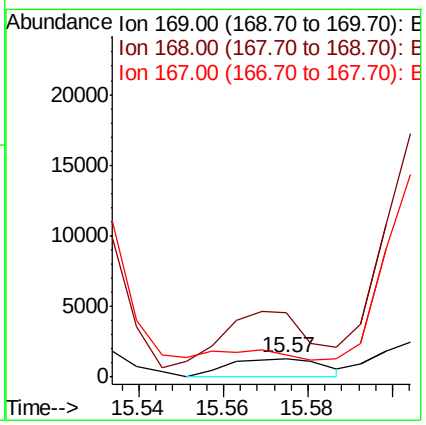


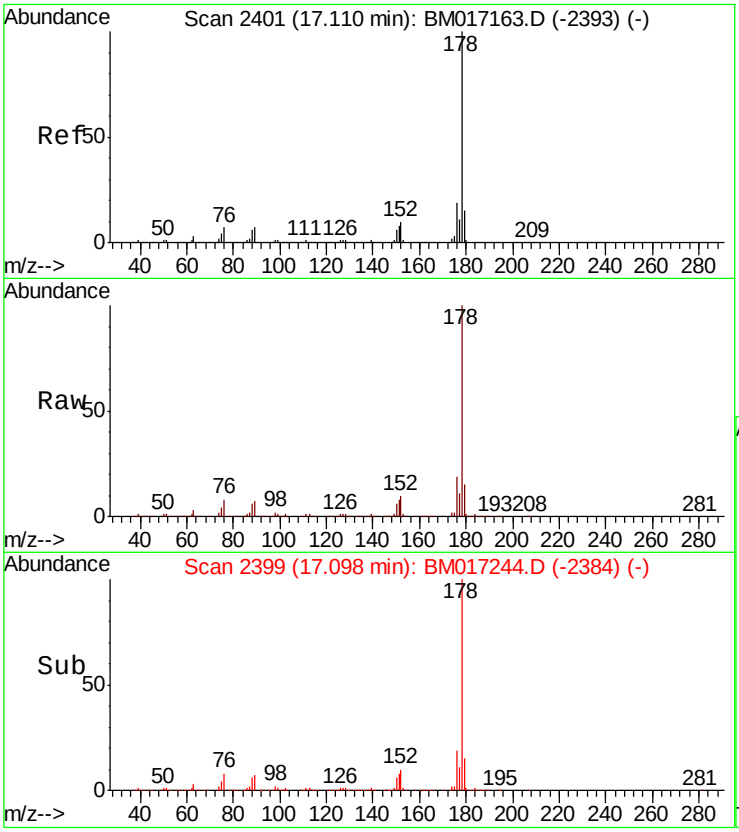


#66
n-Nitrosodiphenylamine
Concen: 0.045 ng
RT: 15.57 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:169 Resp: 2062

Ion	Ratio	Lower	Upper
169	100		
168	351.2	52.2	78.4#
167	121.8	28.4	42.6#



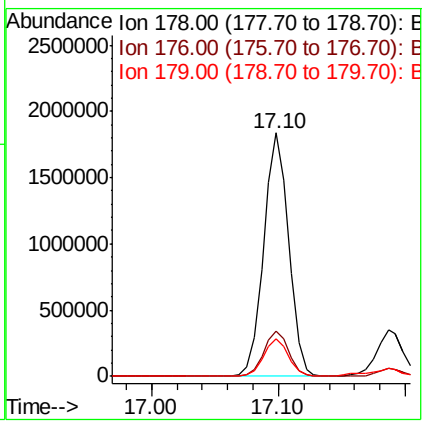


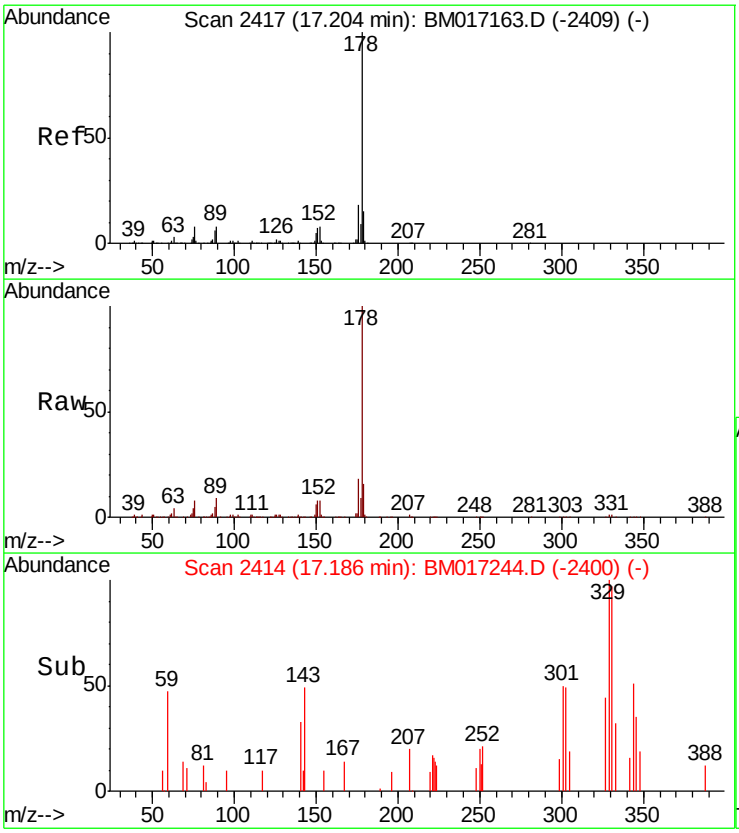
#71
Phenanthrene
Concen: 30.412 ng
RT: 17.10 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 2494587

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.3	12.3	18.5

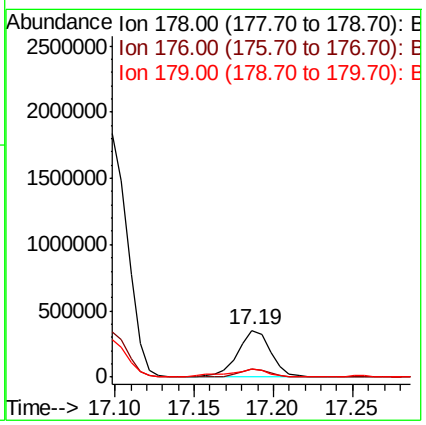


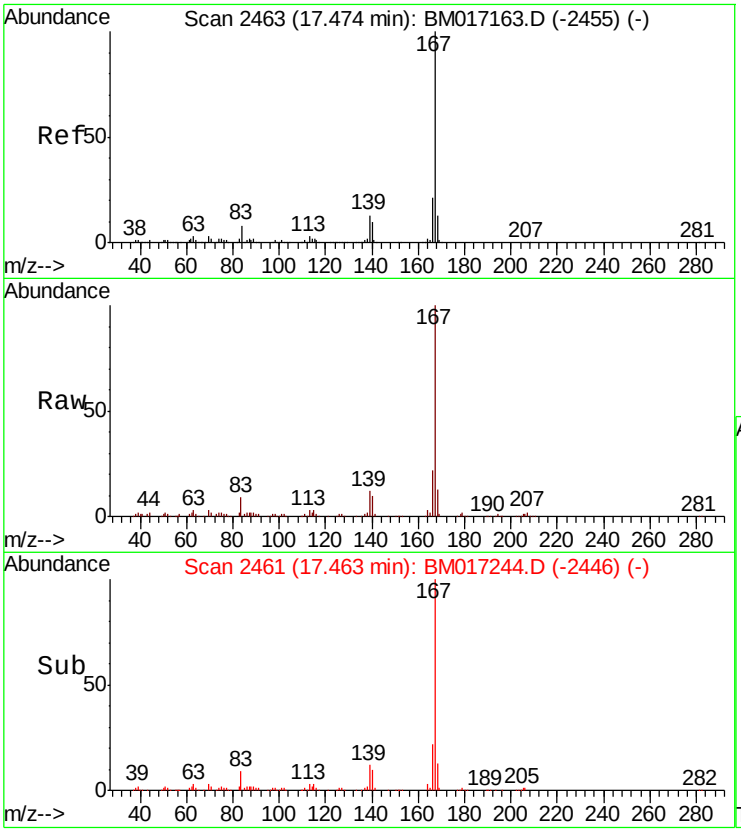


#72
Anthracene
Concen: 6.316 ng
RT: 17.19 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:178 Resp: 492257

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	16.1	12.2	18.2



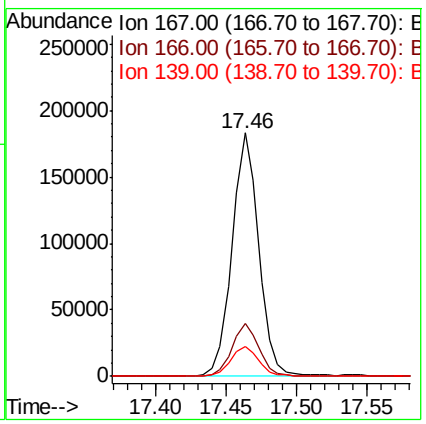


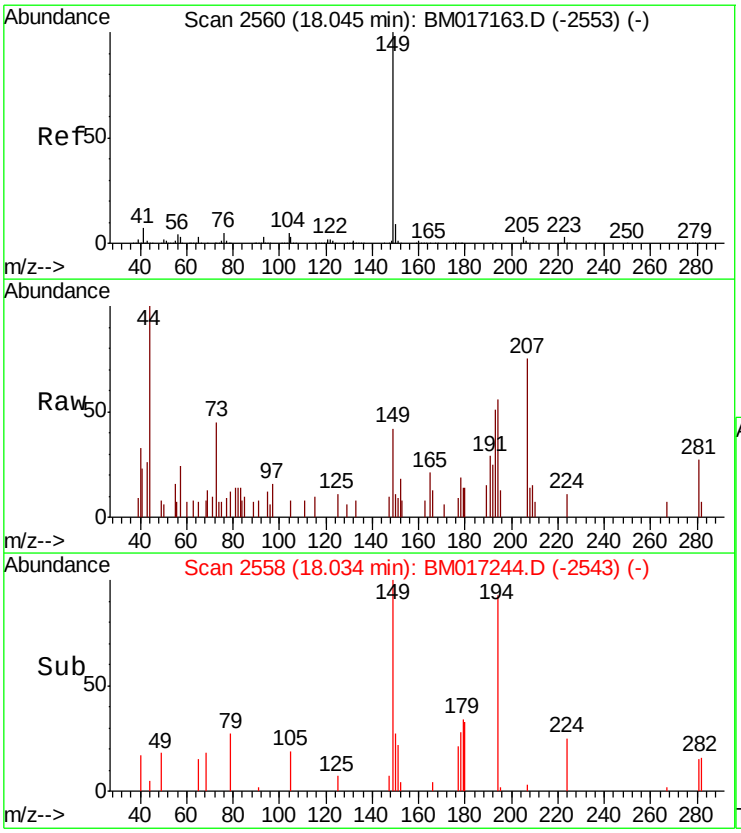
#73
Carbazole
Concen: 3.033 ng
RT: 17.46 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 241456

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	12.2	10.1	15.1

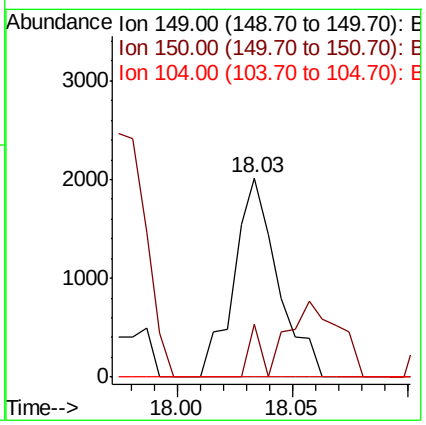


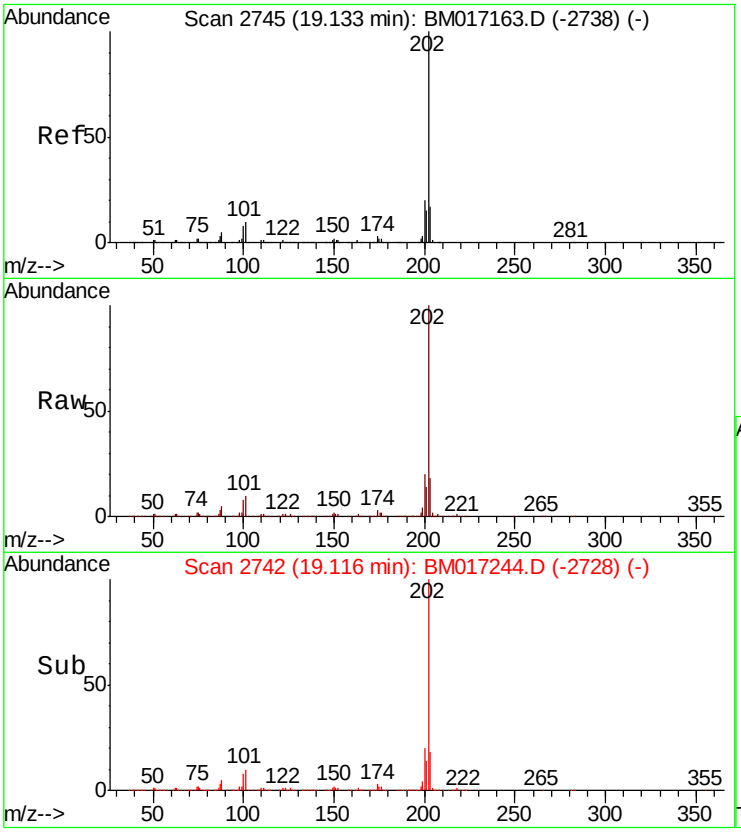


#74
Di-n-butylphthalate
Concen: 0.032 ng
RT: 18.03 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:149 Resp: 2664

Ion	Ratio	Lower	Upper
149	100		
150	26.6	7.4	11.0#
104	0.0	4.3	6.5#



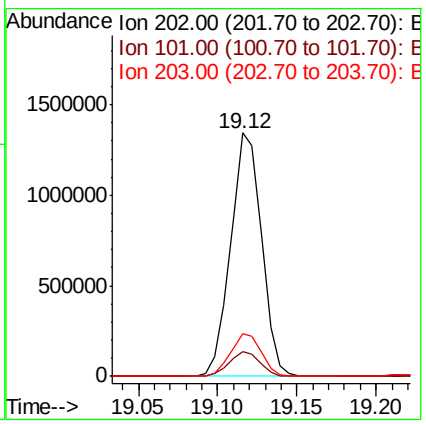


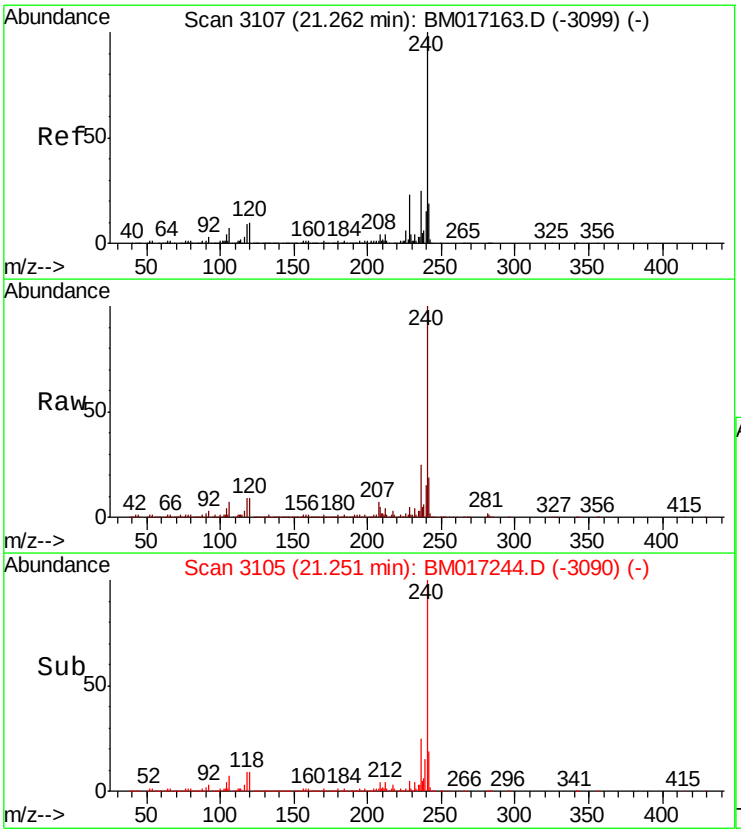
#75
Fluoranthene
Concen: 19.637 ng
RT: 19.12 min Scan# 2742
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1812529

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.0
203	17.7	0.0	37.2

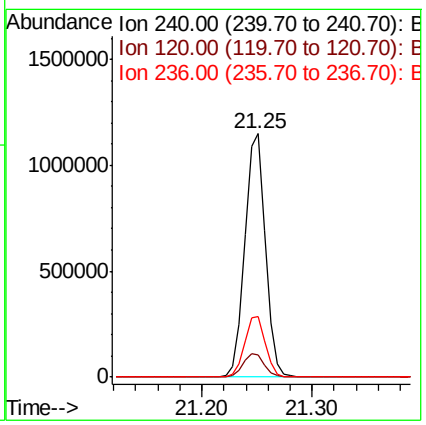


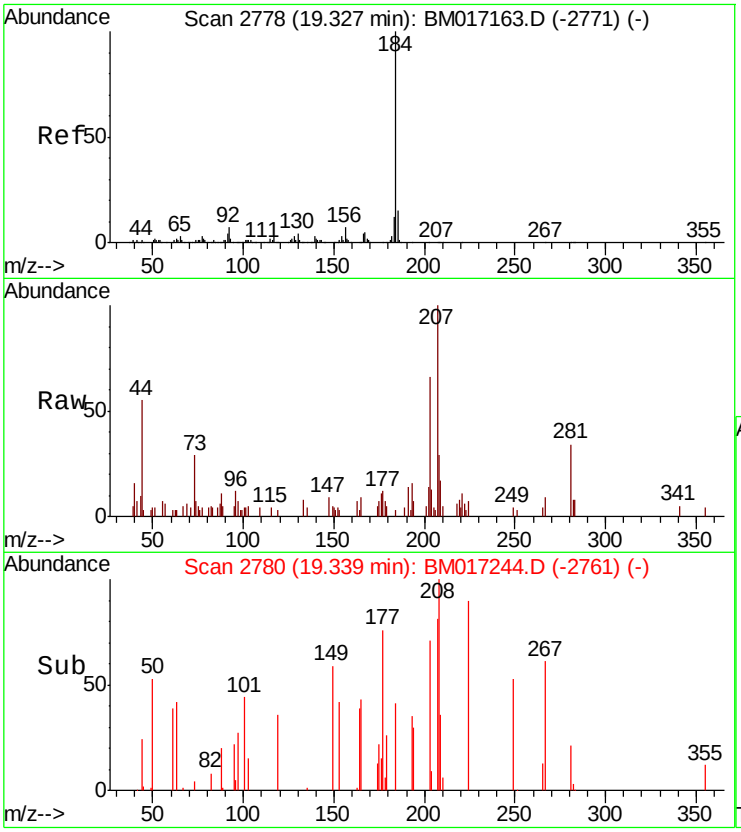


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:240 Resp: 1509700

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.1	12.1
236	24.8	19.9	29.9



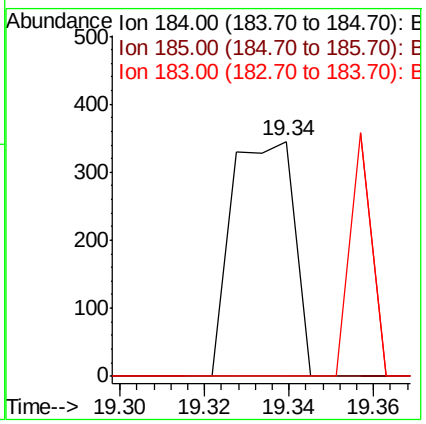


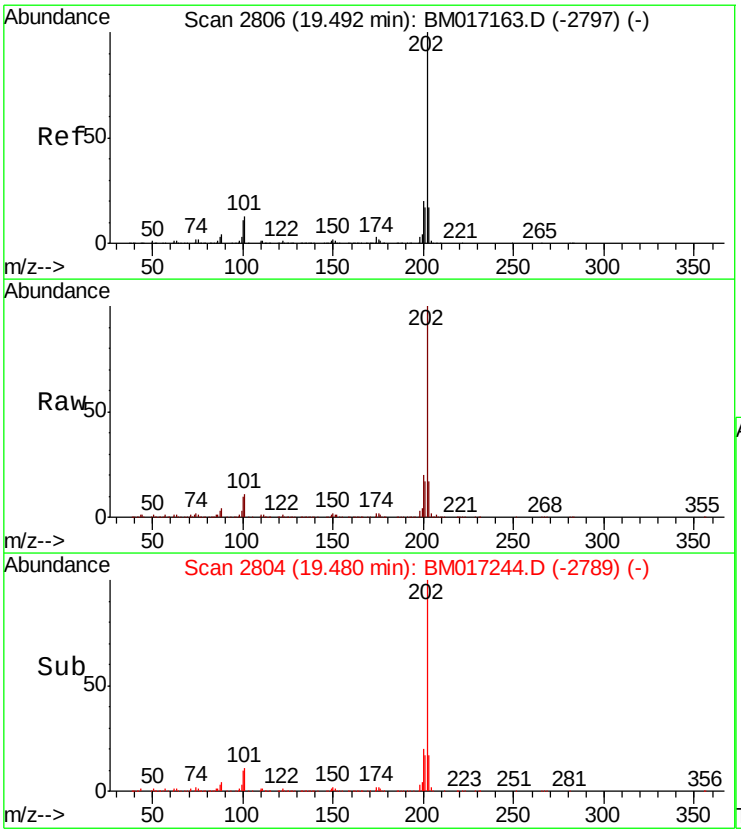
#77
Benzidine
Concen: 0.009 ng
RT: 19.34 min Scan# 2780
Delta R.T. 0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 353

Ion	Ratio	Lower	Upper
184	100		
185	0.0	11.8	17.8#
183	0.0	9.7	14.5#

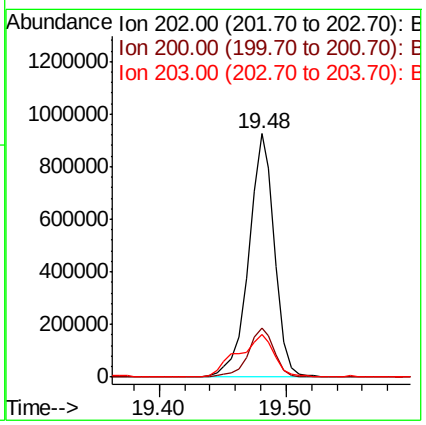


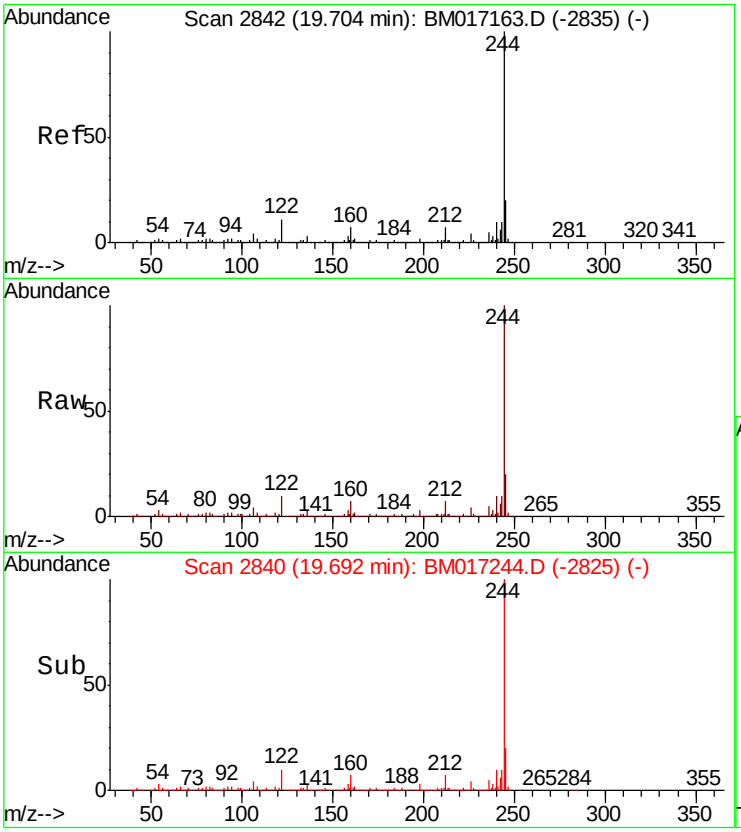


#78
Pyrene
Concen: 15.470 ng
RT: 19.48 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:202 Resp: 1305296

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.3	24.5
203	17.5	13.9	20.9



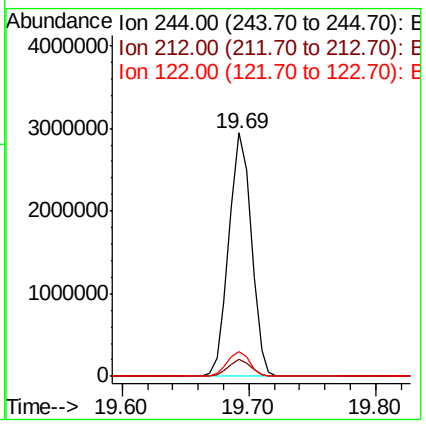


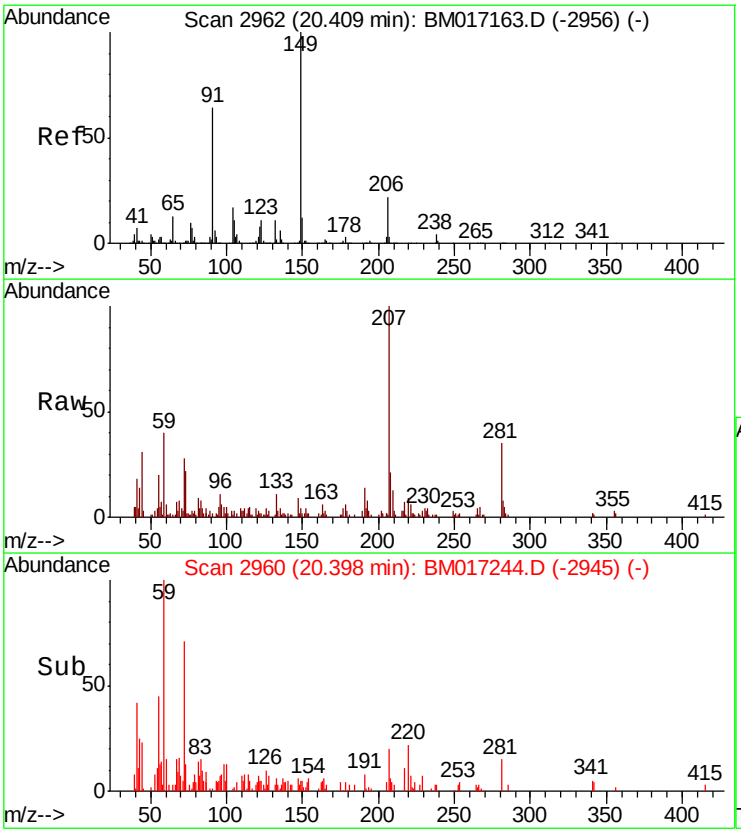
#79
Terphenyl-d14
Concen: 53.996 ng
RT: 19.69 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 3616551

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	10.2	8.4	12.6

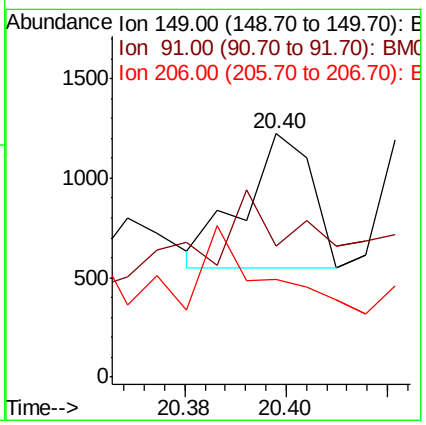


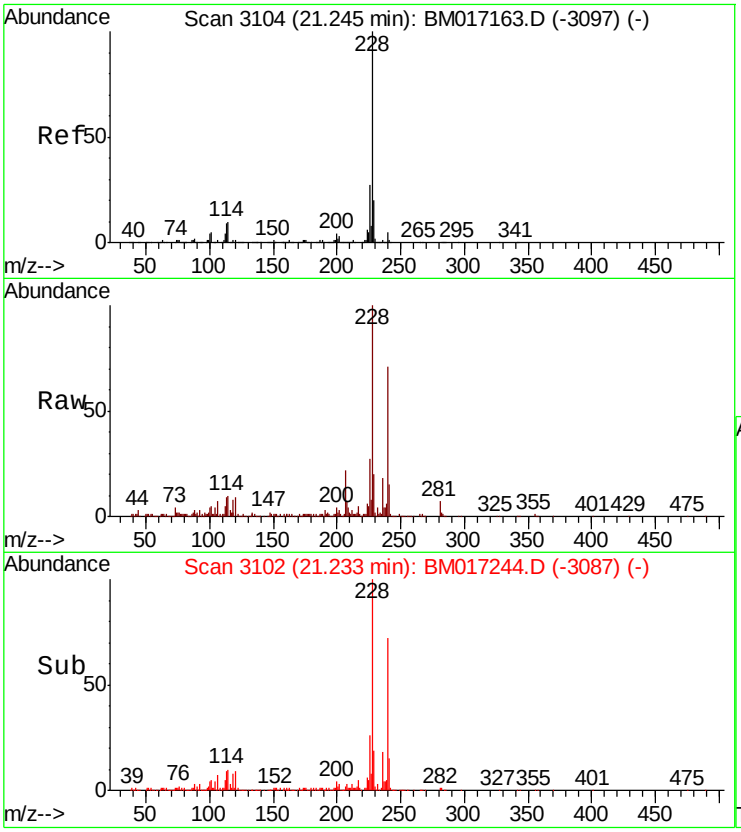


#80
Butylbenzylphthalate
Concen: 7.192 ng
RT: 20.40 min Scan# 2960
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:149 Resp: 620

Ion	Ratio	Lower	Upper
149	100		
91	53.9	51.3	76.9
206	40.4	18.0	27.0#



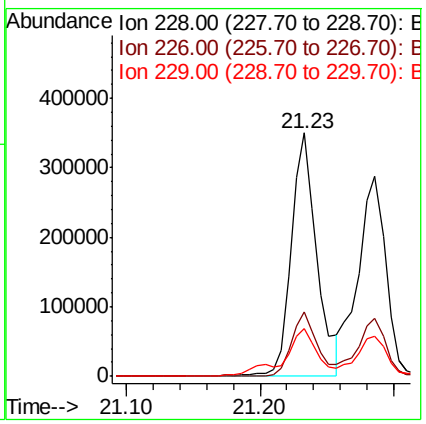


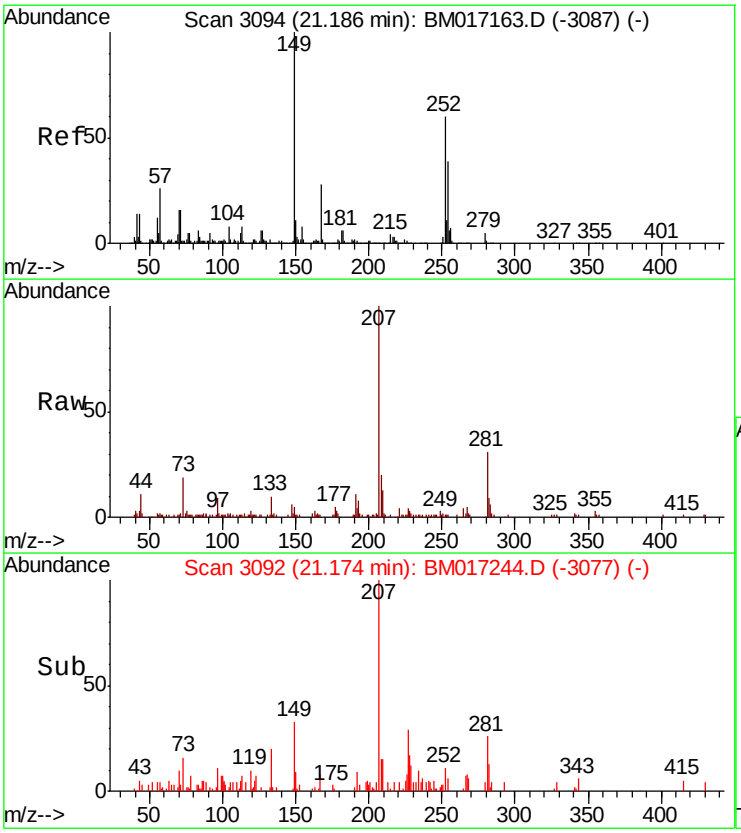
#81
Benzo(a)anthracene
Concen: 5.452 ng
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 463207

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.4	32.0
229	19.6	15.9	23.9

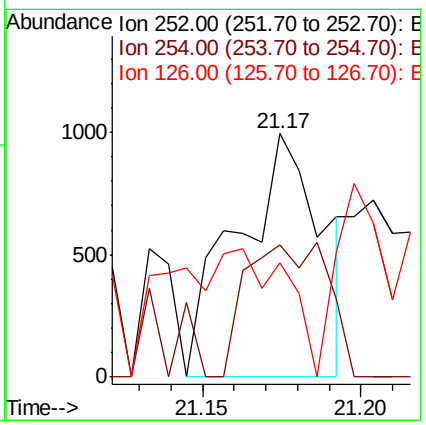


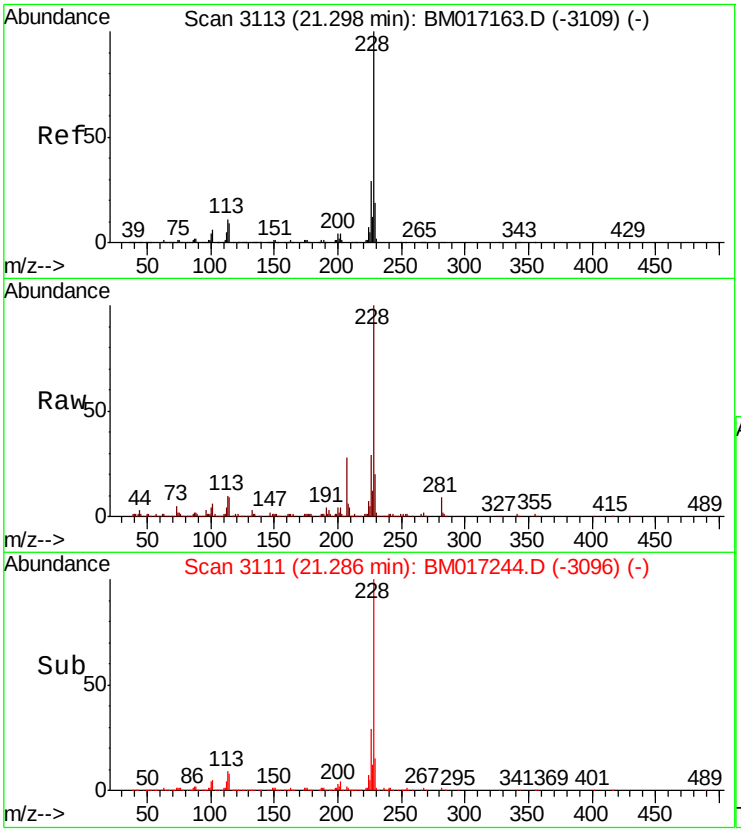


#82
3,3'-Dichlorobenzidine
Concen: 0.059 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:252 Resp: 1866

Ion	Ratio	Lower	Upper
252	100		
254	54.3	52.1	78.1
126	46.9	8.6	12.8#



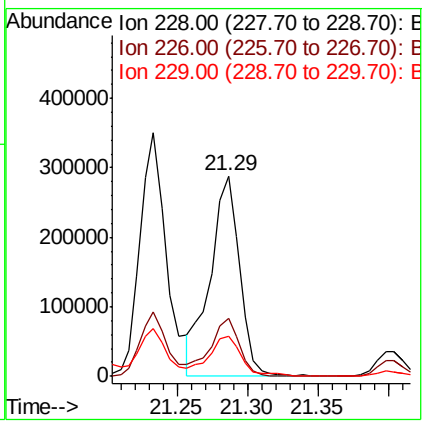


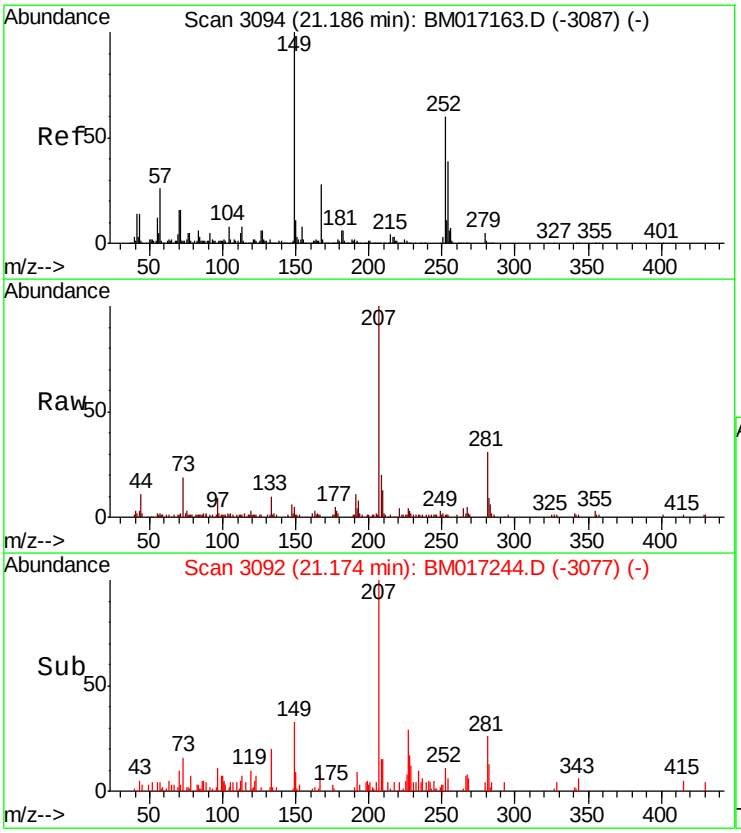
#83
Chrysene
Concen: 4.925 ng
RT: 21.29 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 414115

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.3	34.9
229	19.7	15.6	23.4

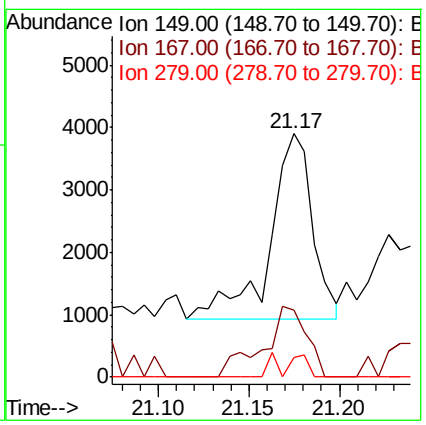


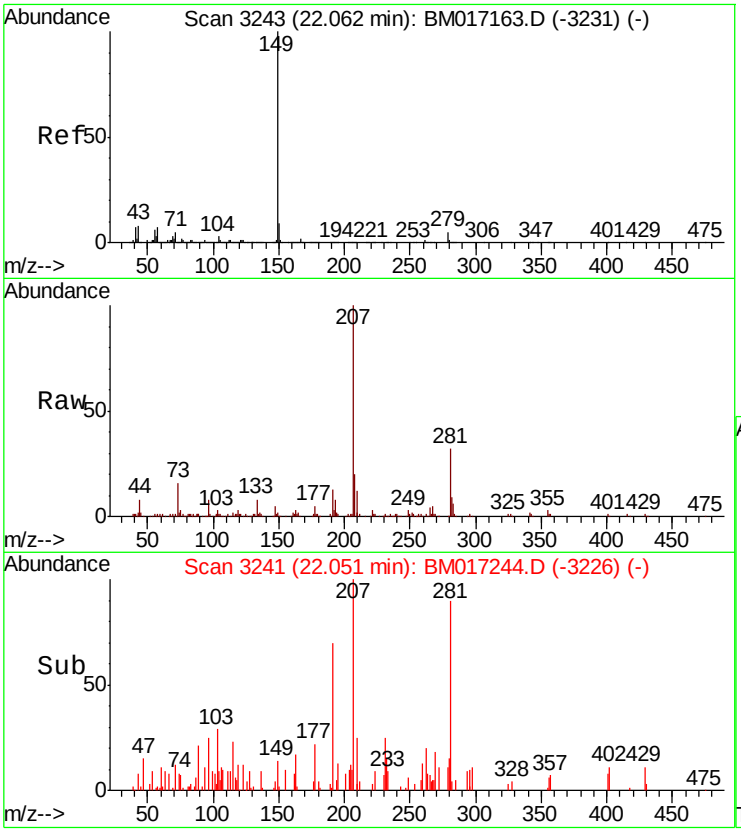


#84
Bis(2-ethylhexyl)phthalate
Concen: 5.396 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:149 Resp: 4888

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.4
279	8.2	3.6	5.4#



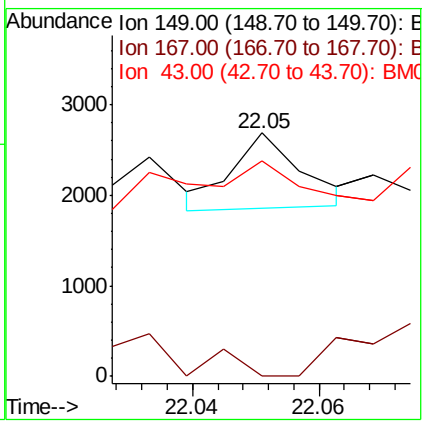


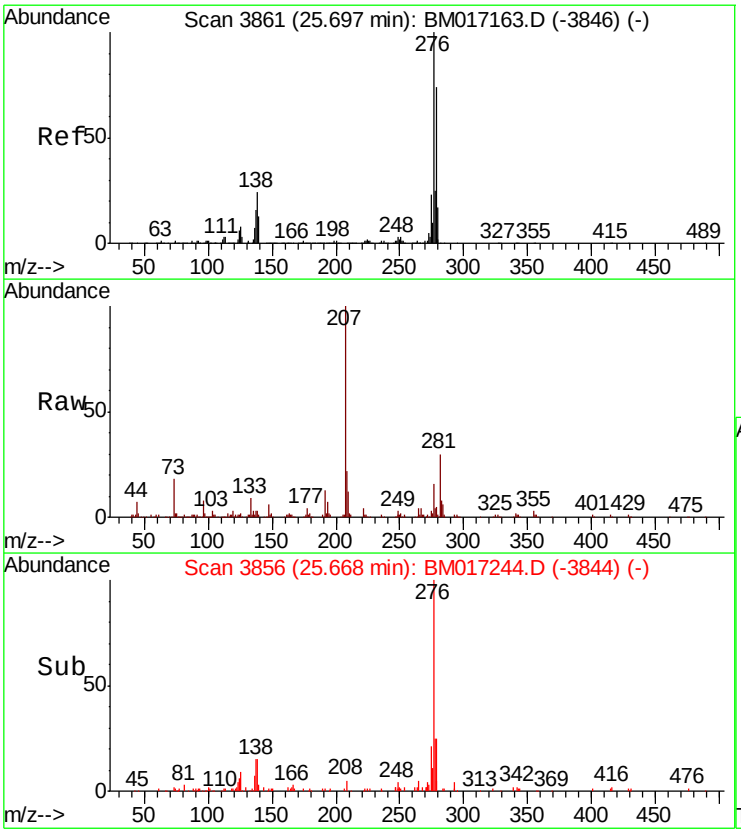
#85
Di-n-octyl phthalate
Concen: 5.578 ng
RT: 22.05 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 631

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	113.0	7.2	10.8#

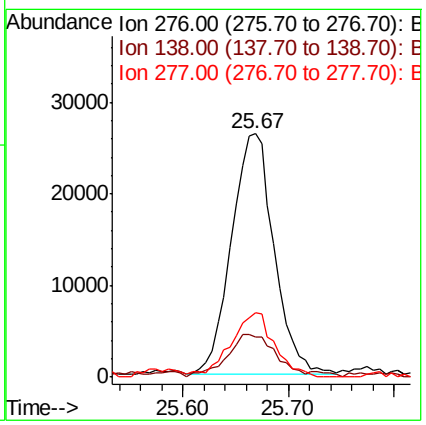


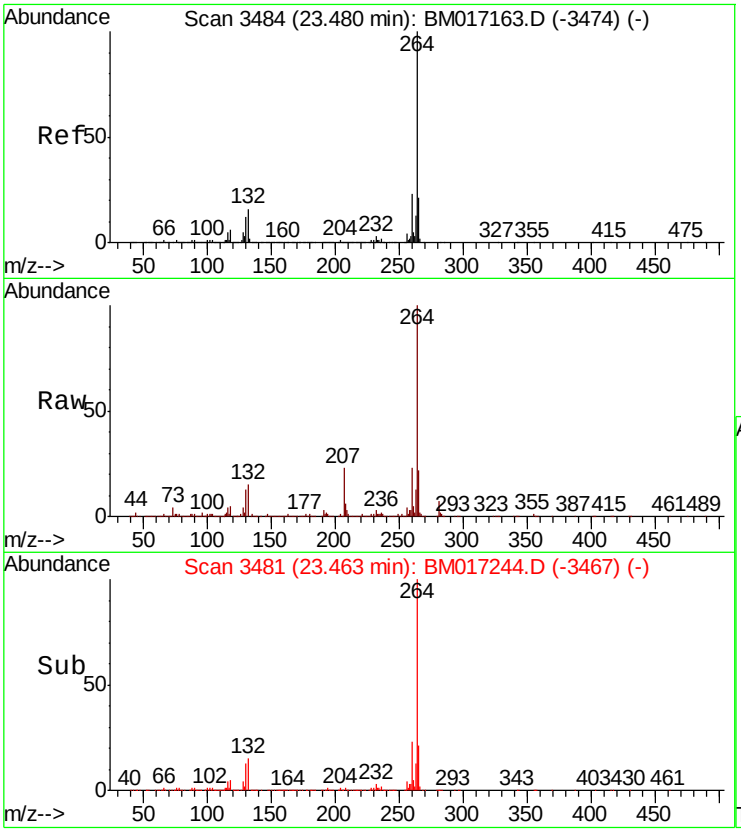


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.773 ng
RT: 25.67 min Scan# 3856
Delta R.T. -0.03 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:276 Resp: 72727

Ion	Ratio	Lower	Upper
276	100		
138	20.3	19.5	29.3
277	27.1	20.1	30.1



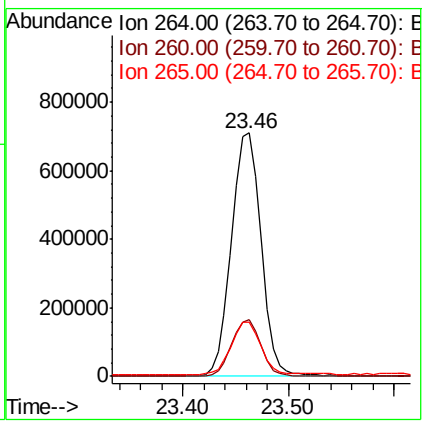


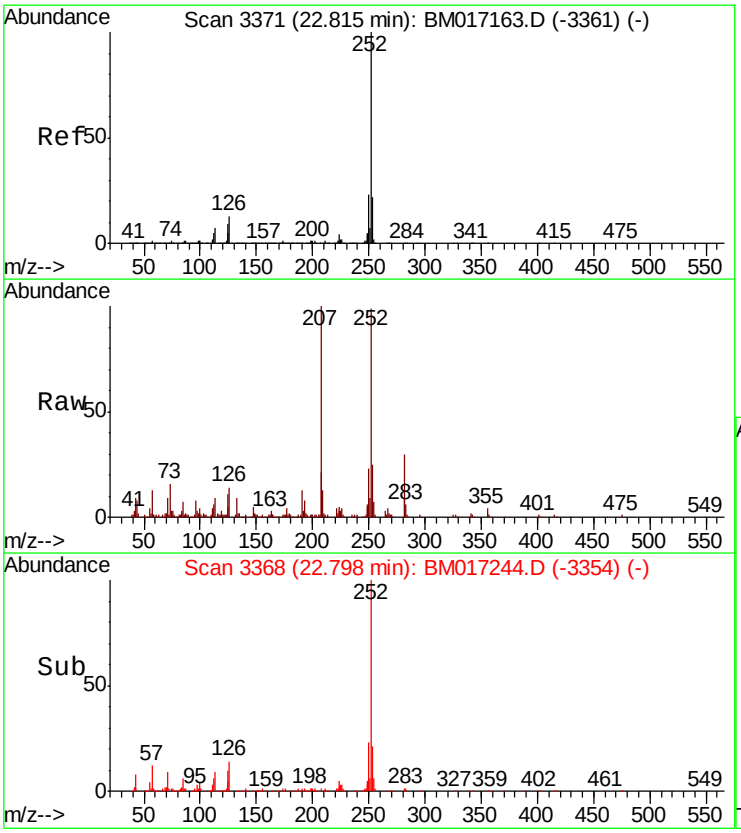
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 1381134

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	22.2	17.8	26.8

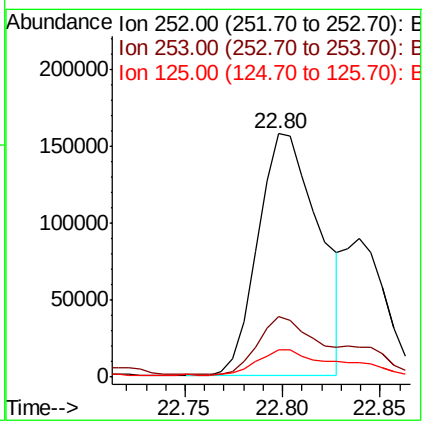


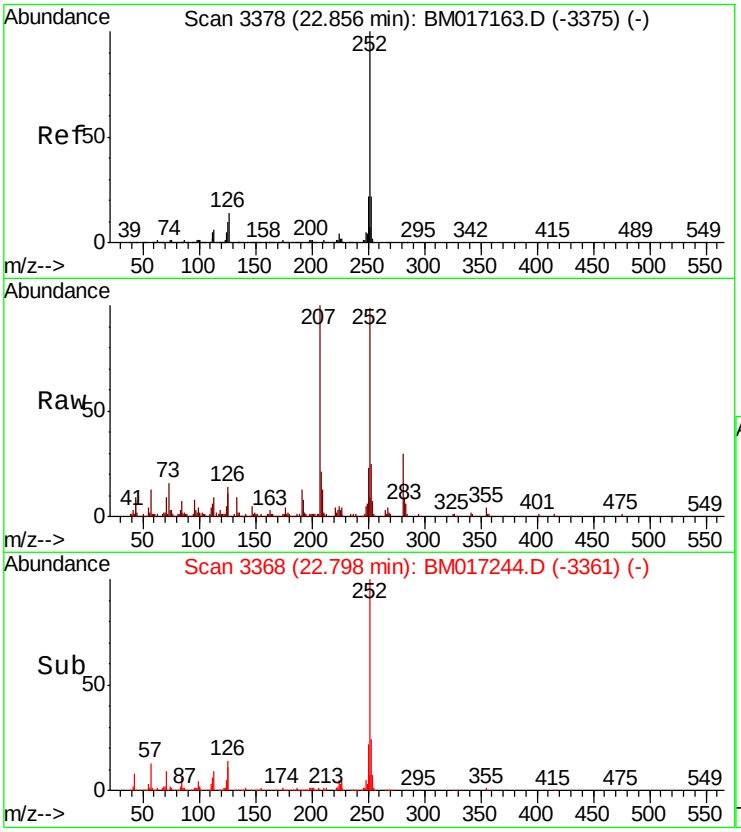


#88
Benzo(b)fluoranthene
Concen: 4.556 ng
RT: 22.80 min Scan# 3368
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:252 Resp: 344017

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.4	26.2
125	11.3	7.5	11.3



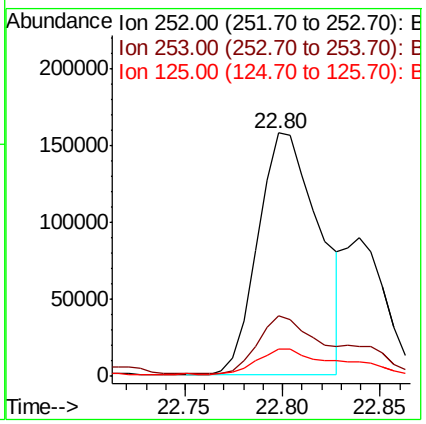


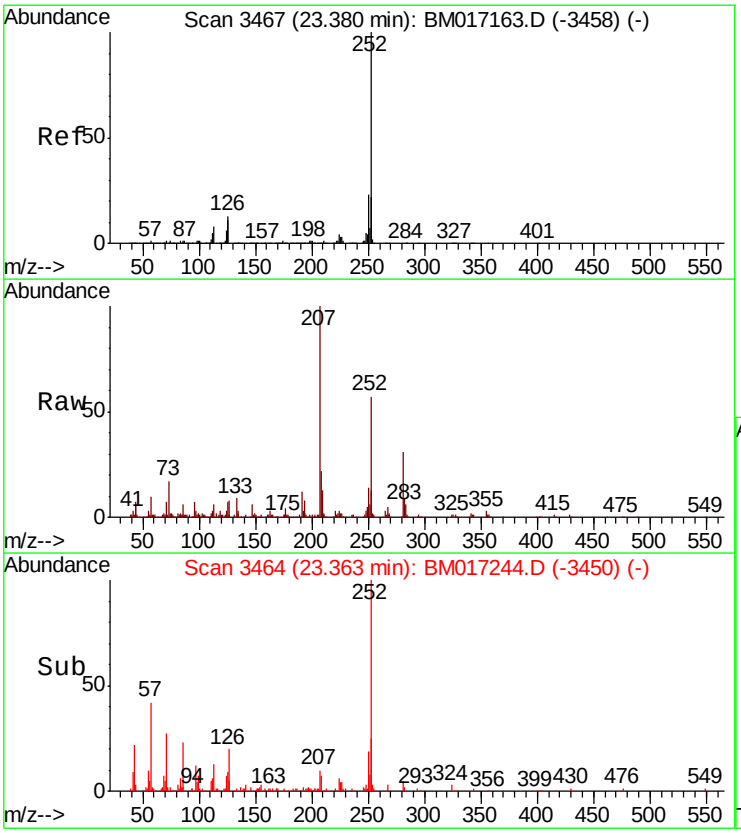
#89
Benzo(k)fluoranthene
Concen: 4.540 ng
RT: 22.80 min Scan# 3368
Delta R.T. -0.06 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 344017

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	11.3	8.2	12.2

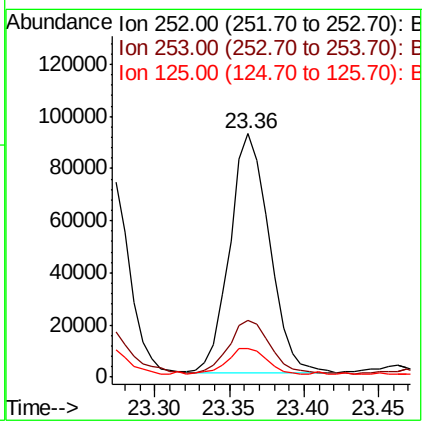


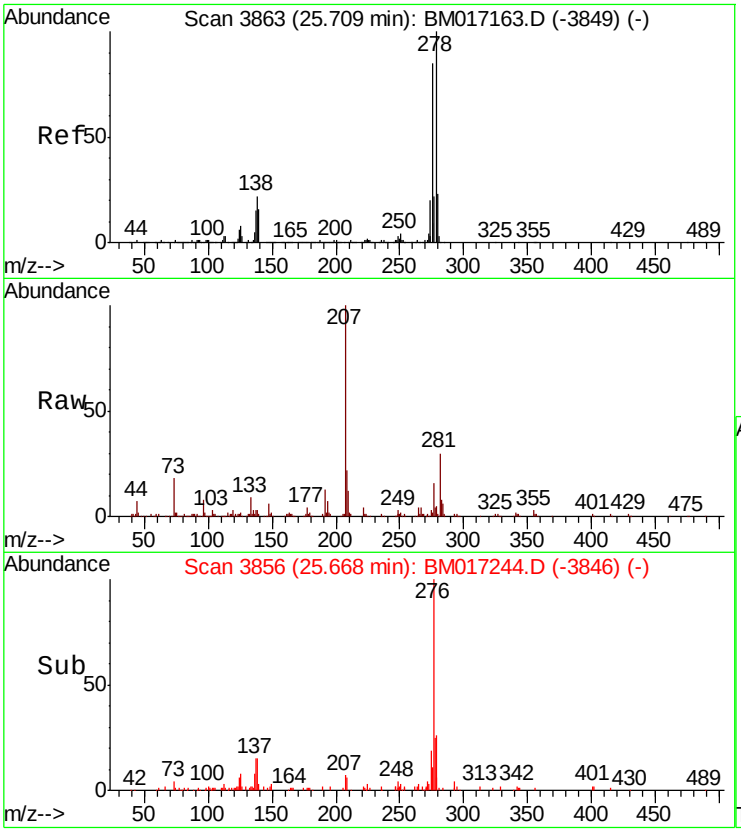


#90
Benzo(a)pyrene
Concen: 2.362 ng
RT: 23.36 min Scan# 3464
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:252 Resp: 169355

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	11.8	8.6	13.0



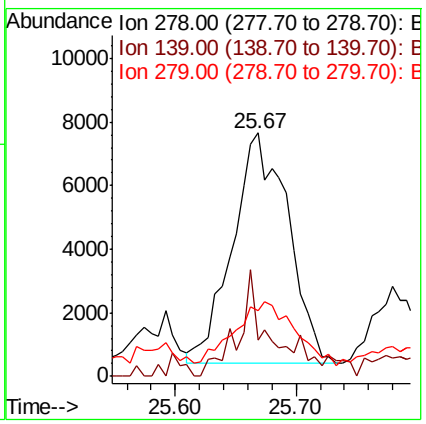


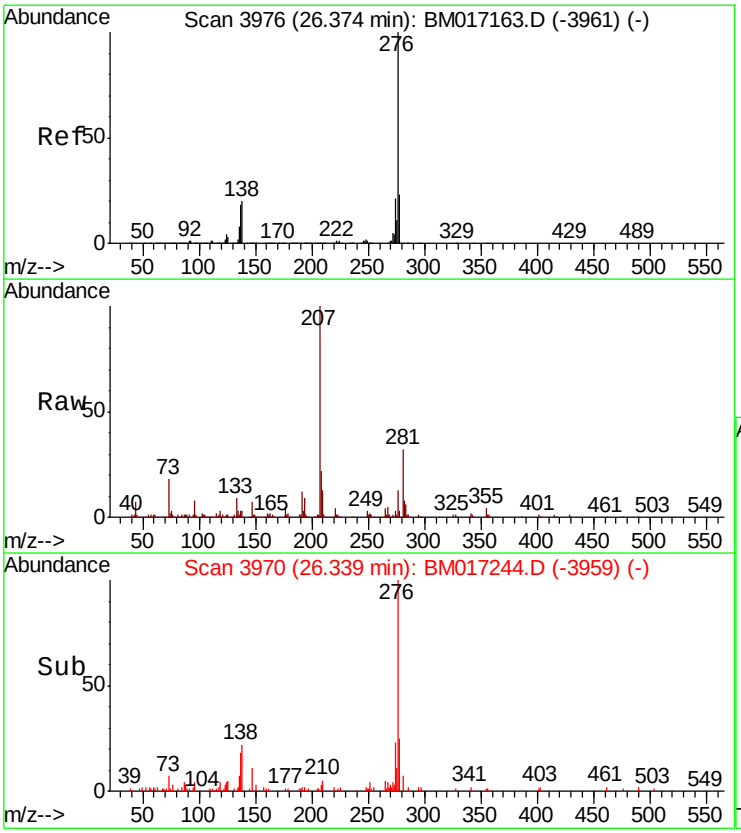
#91
Dibenzo(a,h)anthracene
Concen: 0.324 ng
RT: 25.67 min Scan# 3856
Delta R.T. -0.04 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 23096

Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.7	19.1
279	27.0	18.7	28.1





#92
Benzo(g,h,i)perylene
Concen: 0.920 ng
RT: 26.34 min Scan# 3970
Delta R.T. -0.03 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:276 Resp: 64948

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.6	28.0
138	22.0	16.4	24.6