

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017266.D
 Acq On : 20 Oct 2018 15:39
 Operator : MJ/SJ
 Sample : J5538-23
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 22 05:11:04 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	316187	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1359242	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	791912	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1736021	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1751756	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1635543	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	2355147	125.98	ng	0.00
7) Phenol-d6	6.85	99	3011511	118.28	ng	0.00
23) Nitrobenzene-d5	8.82	82	2043818	87.94	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1381747	129.02	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	4581322	76.97	ng	-0.01
79) Terphenyl-d14	19.70	244	6089730	78.36	ng	0.00

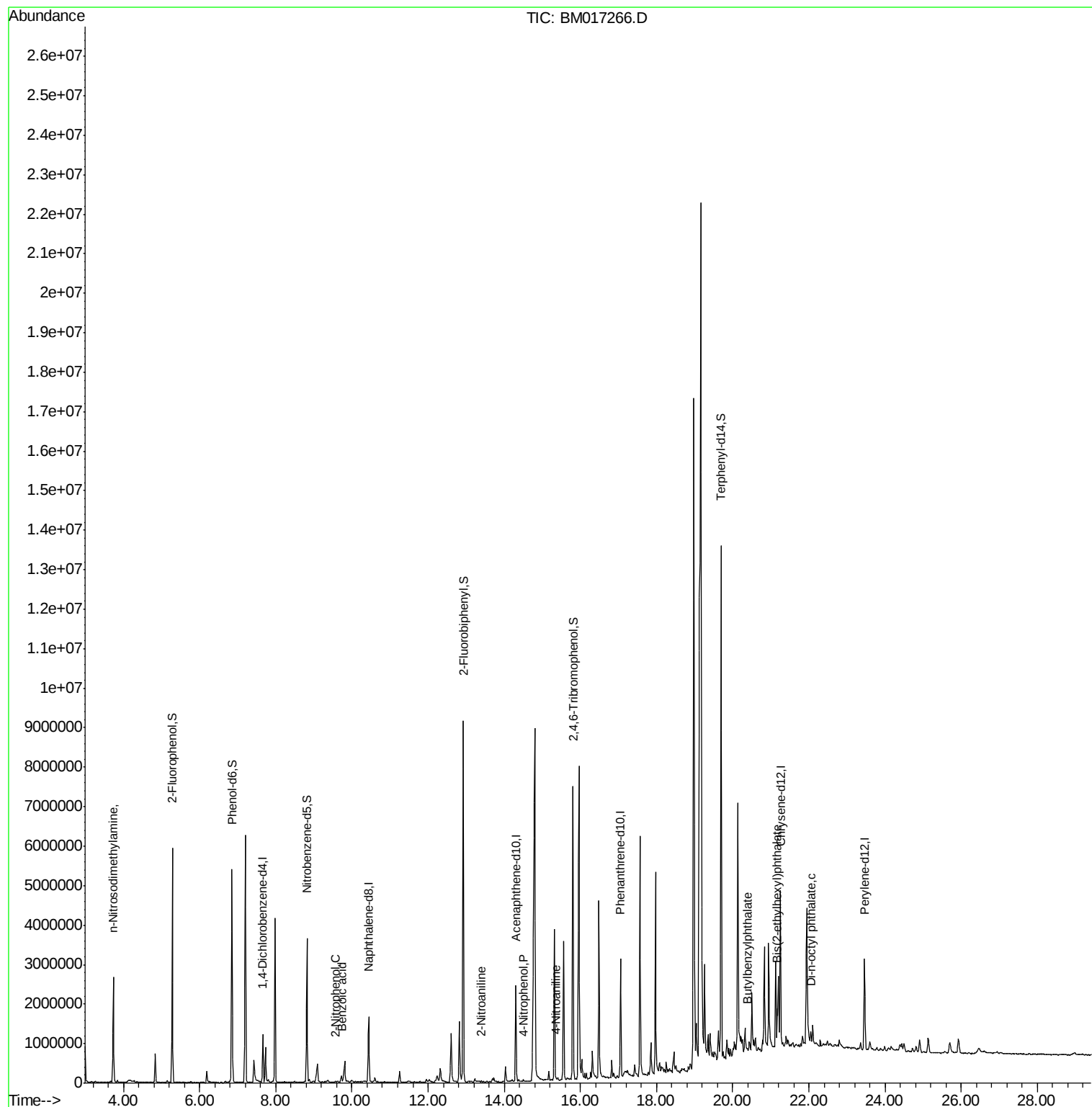
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.73	42	296153	33.586	ng	# 1
26) 2-Nitrophenol	9.57	139	113	5.712	ng	# 14
32) Benzoic acid	9.73	122	66992	5.291	ng	95
48) 2-Nitroaniline	13.40	65	651	5.726	ng	# 23
56) 4-Nitrophenol	14.52	139	110	4.725	ng	# 6
62) 4-Nitroaniline	15.37	138	109	4.761	ng	# 1
80) Butylbenzylphthalate	20.39	149	971	7.198	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.17	149	337128	10.568	ng	99
85) Di-n-octyl phthalate	22.06	149	8653	5.651	ng	# 1

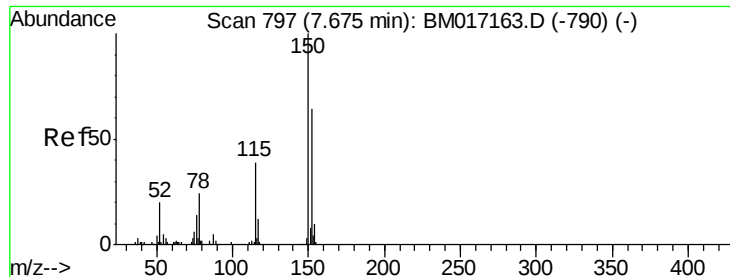
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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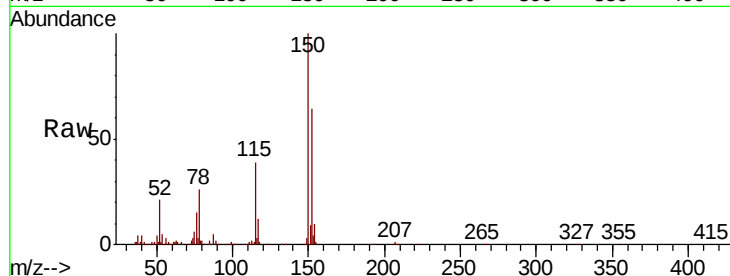


#1

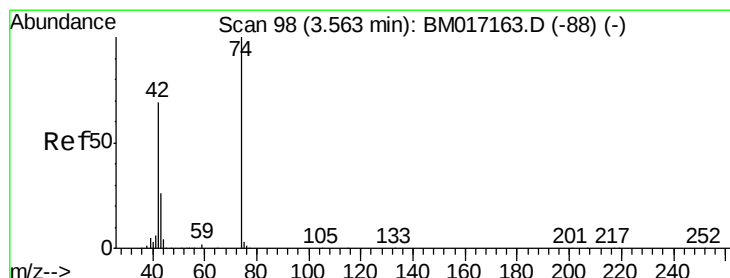
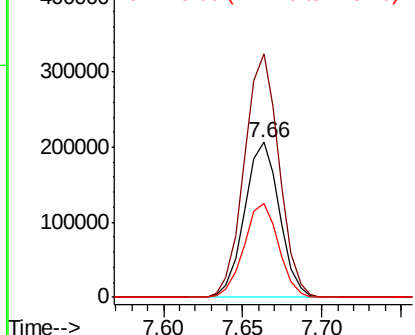
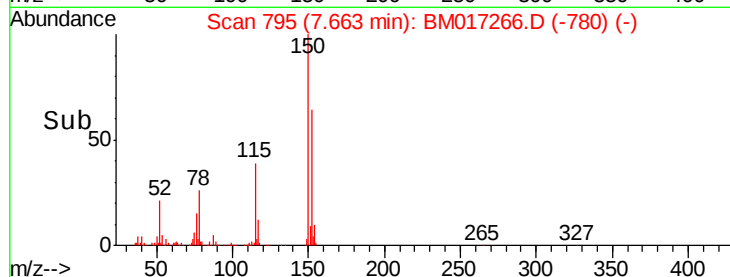
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017266.D
Acq: 20 Oct 2018 15:39

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.3	186.5
115	60.7	48.1	72.1



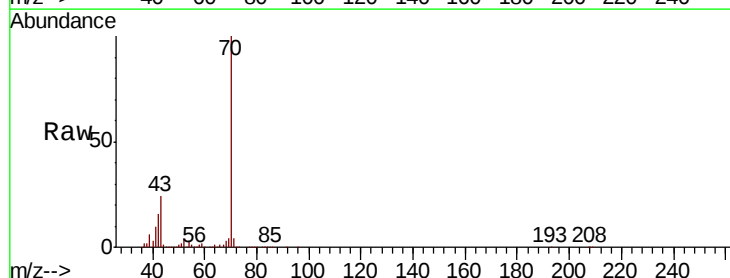
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



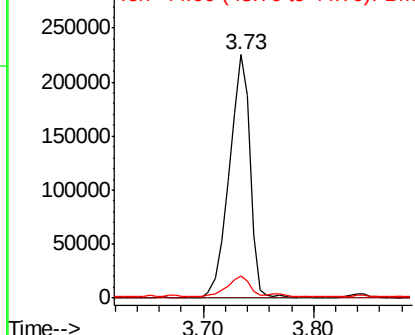
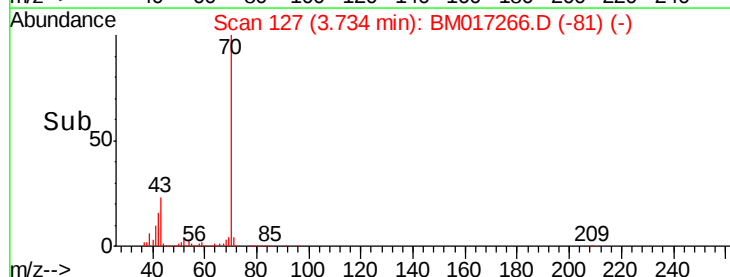
#4

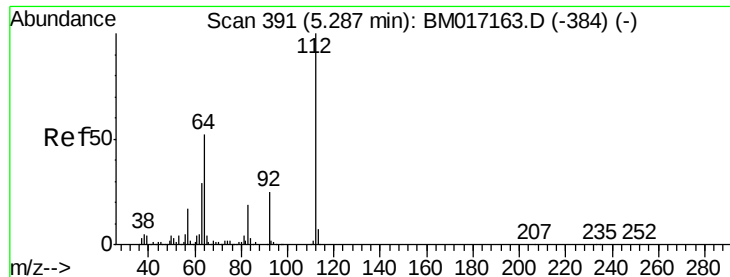
n-Nitrosodimethylamine
Concen: 33.586 ng
RT: 3.73 min Scan# 127
Delta R.T. 0.17 min
Lab File: BM017266.D
Acq: 20 Oct 2018 15:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	114.4	171.6#
44	9.1	48.6	73.0#



Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 125.981 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017266.D

Acq: 20 Oct 2018 15:39

Instrument :

BNA_M

ClientSampleId :

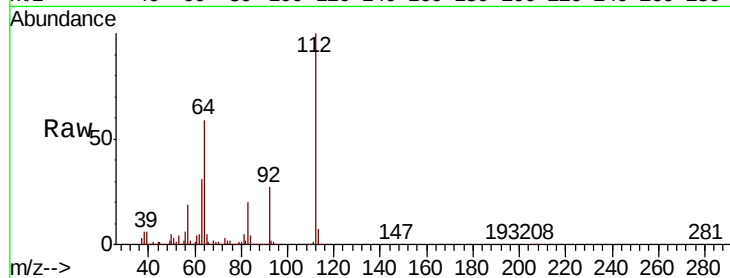
Tot Ion:112 Resp: 2355147

Ion Ratio Lower Upper

112 100

64 59.3 41.7 62.5

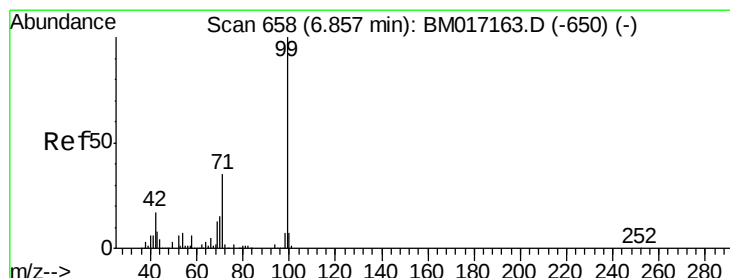
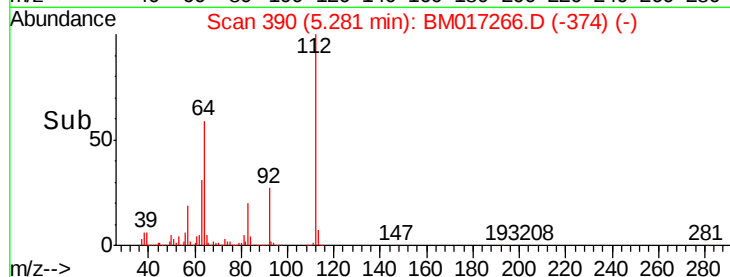
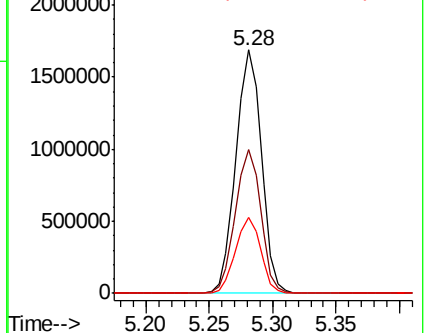
63 31.2 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 118.280 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017266.D

Acq: 20 Oct 2018 15:39

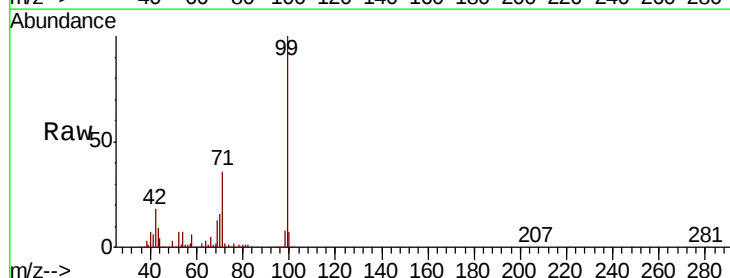
Tgt Ion: 99 Resp: 3011511

Ion Ratio Lower Upper

99 100

42 18.1 13.3 19.9

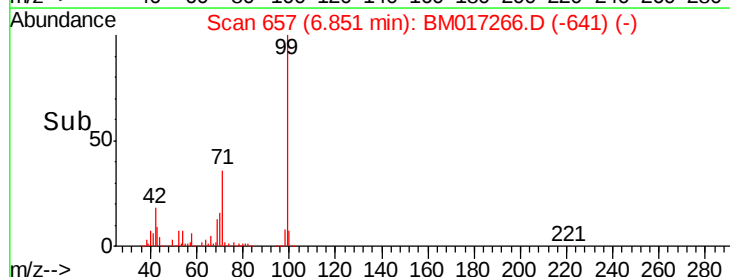
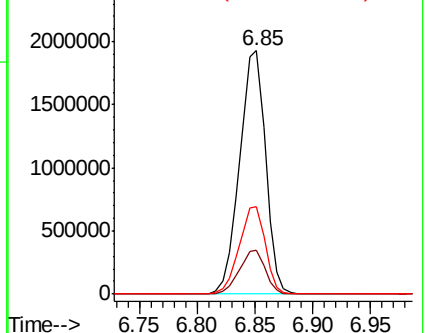
71 35.8 28.0 42.0

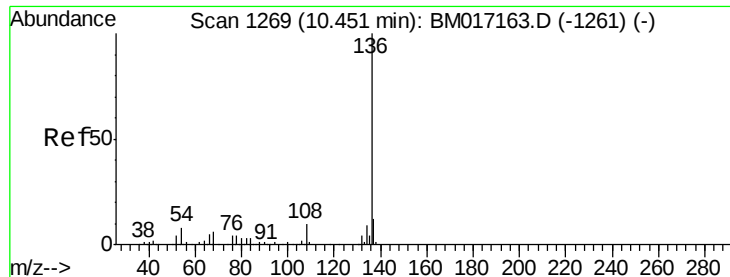


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM



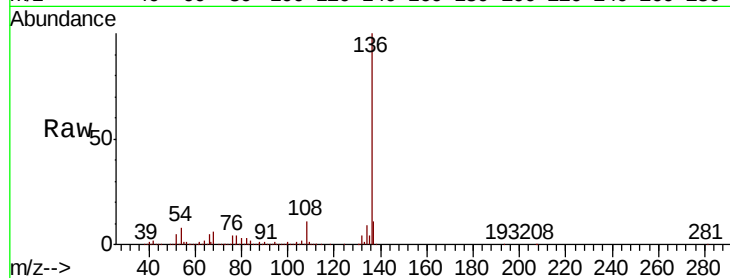


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM017266.D
Acq: 20 Oct 2018 15:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136 Resp: 1359242

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.7	6.7	10.1
68	5.7	4.7	7.1



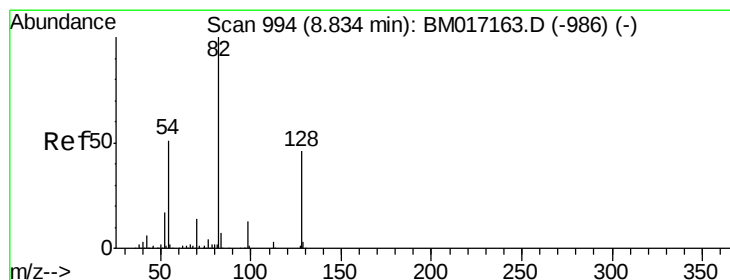
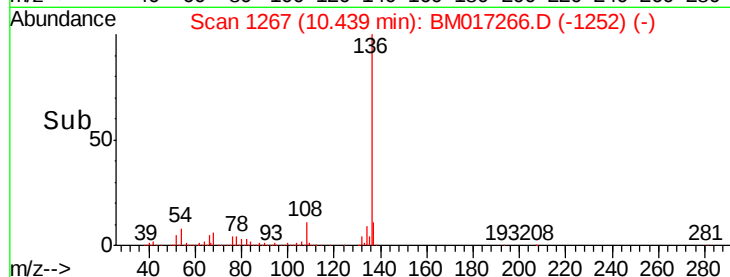
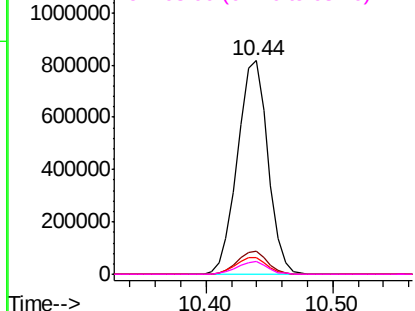
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

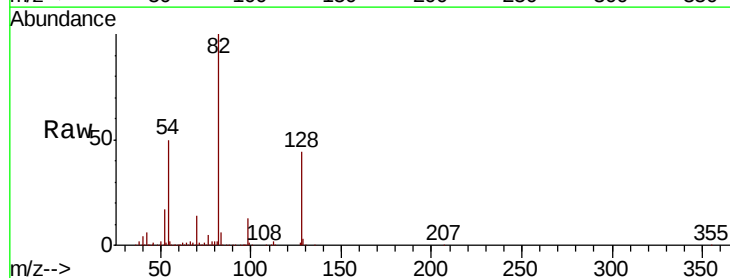
Ion 68.00 (67.70 to 68.70): BM



#23
Nitrobenzene-d5
Concen: 87.942 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM017266.D
Acq: 20 Oct 2018 15:39

Tgt Ion: 82 Resp: 2043818

Ion	Ratio	Lower	Upper
82	100		
128	43.5	37.0	55.6
54	49.7	40.7	61.1

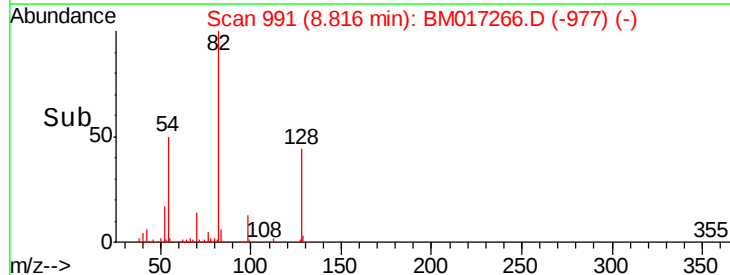
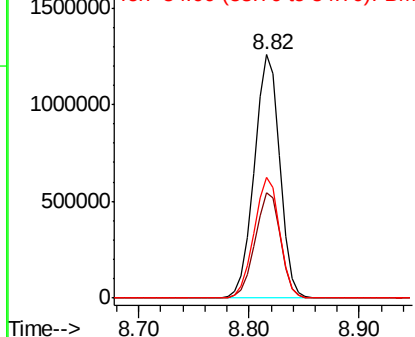


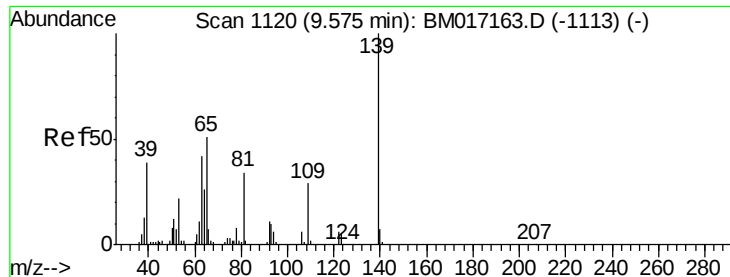
Abundance

Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

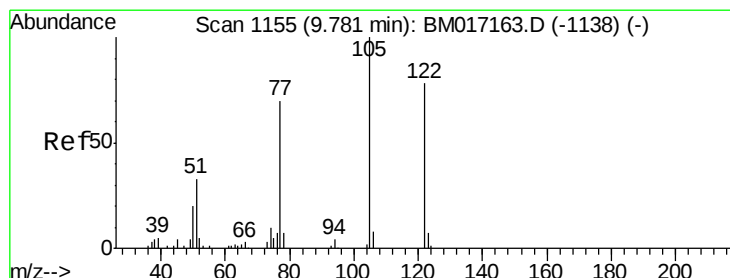
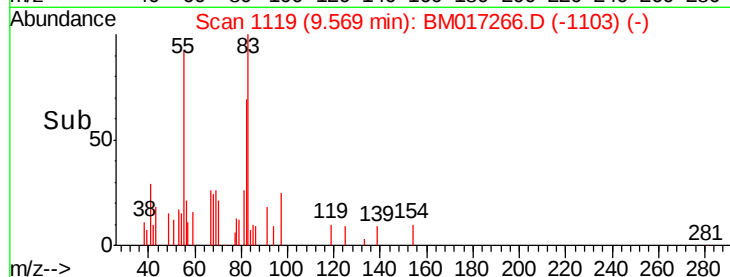
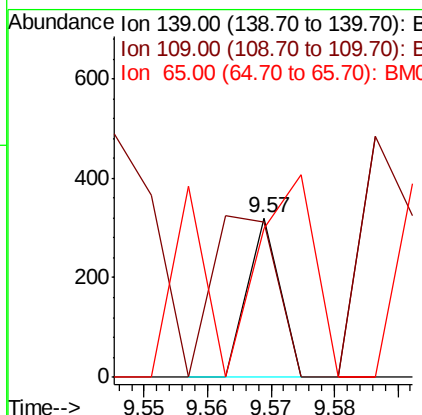
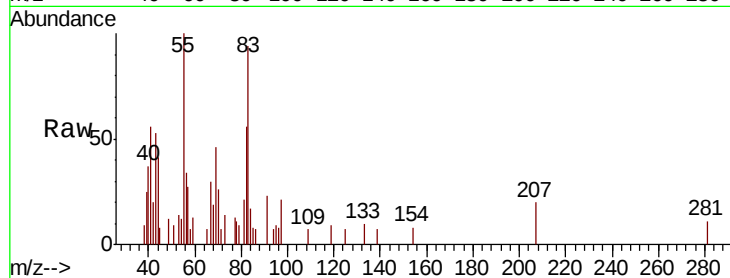




#26
2-Nitrophenol
Concen: 5.712 ng
RT: 9.57 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM017266.D
Acq: 20 Oct 2018 15:39

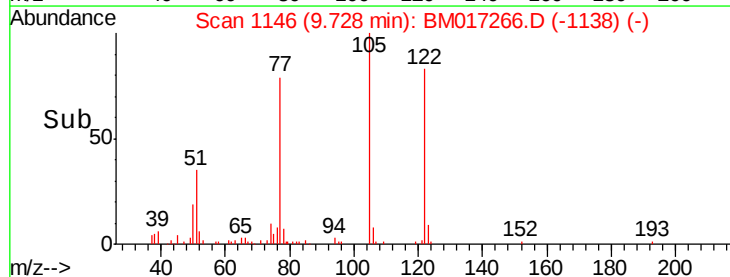
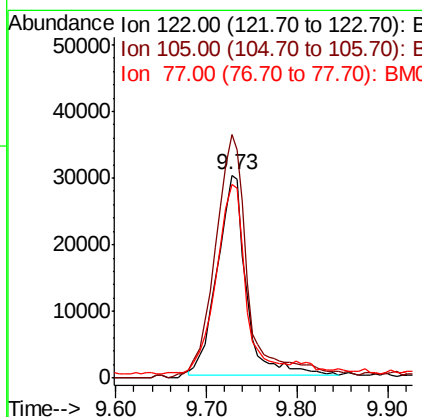
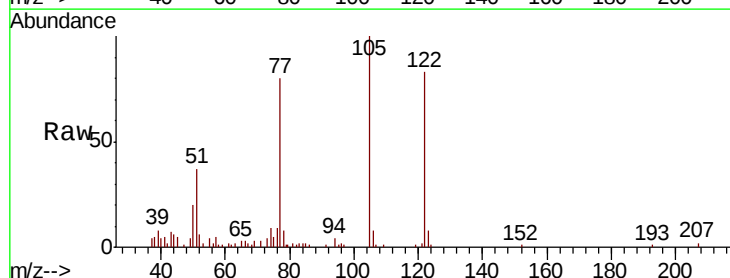
Instrument :
BNA_M
ClientSampleId :

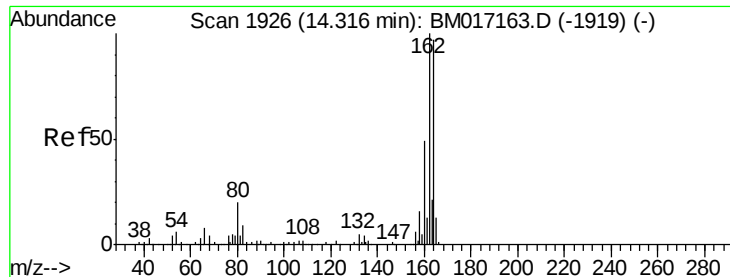
Tot Ion	Ratio	Lower	Upper
139	100		
109	97.2	23.2	34.8#
65	93.8	40.6	61.0#



#32
Benzoic acid
Concen: 5.291 ng
RT: 9.73 min Scan# 1146
Delta R.T. -0.05 min
Lab File: BM017266.D
Acq: 20 Oct 2018 15:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.0	102.0	142.0
77	95.6	67.7	107.7

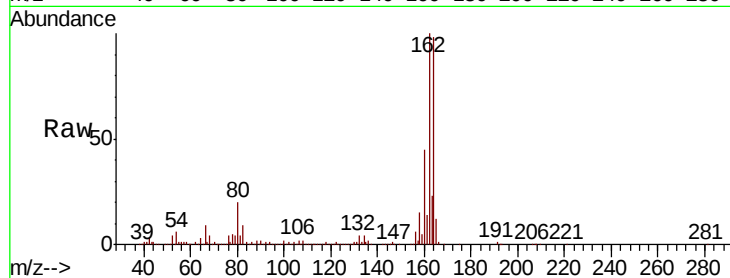




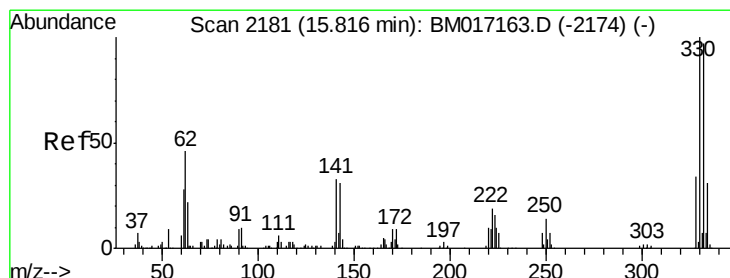
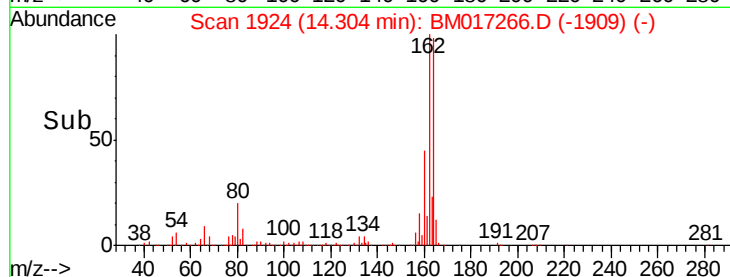
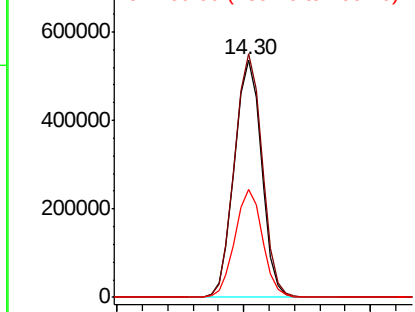
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017266.D
Acq: 20 Oct 2018 15:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 791912
Ion Ratio Lower Upper
164 100
162 102.4 82.1 123.1
160 45.6 40.2 60.2

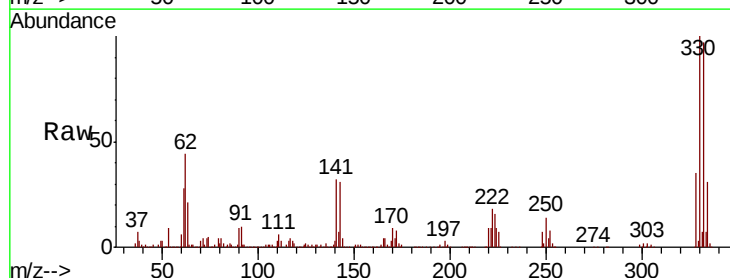


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

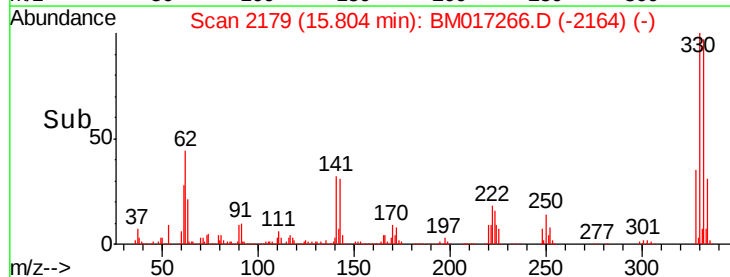
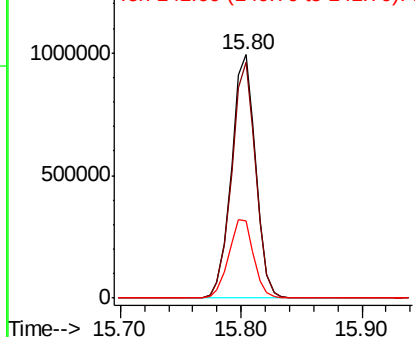


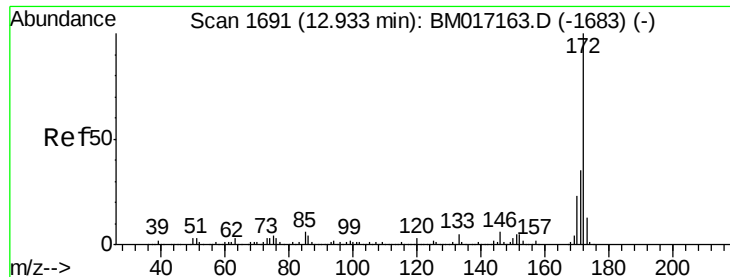
#42
2,4,6-Tribromophenol
Concen: 129.021 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM017266.D
Acq: 20 Oct 2018 15:39

Tgt Ion:330 Resp: 1381747
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 33.5 27.4 41.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

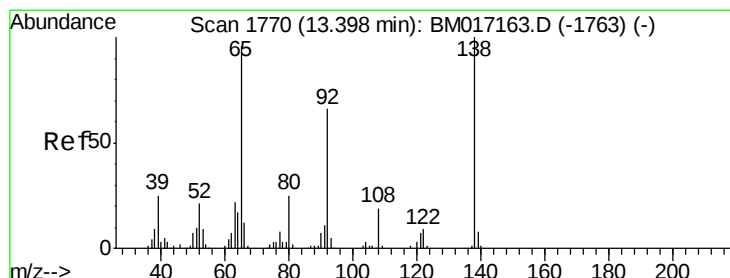
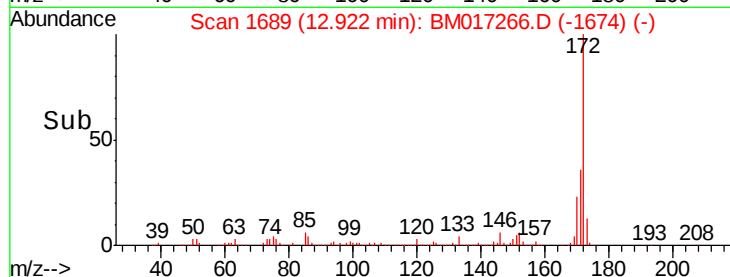
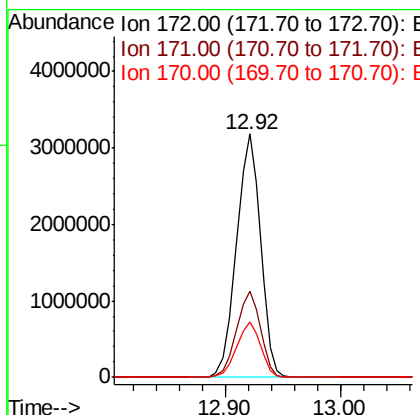
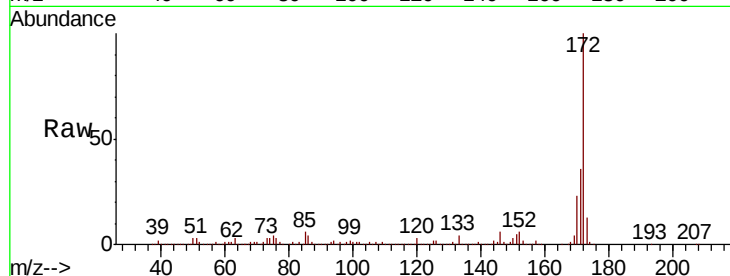




#45
2-Fluorobiphenyl
Concen: 76.974 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM017266.D
Acq: 20 Oct 2018 15:39

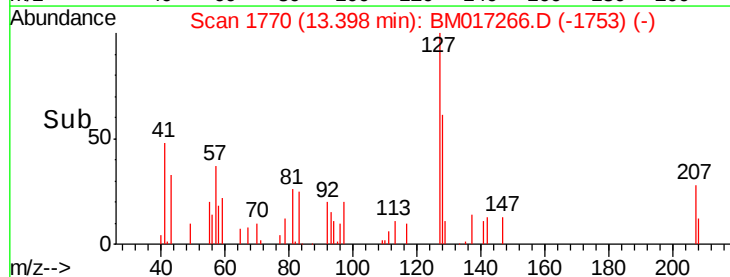
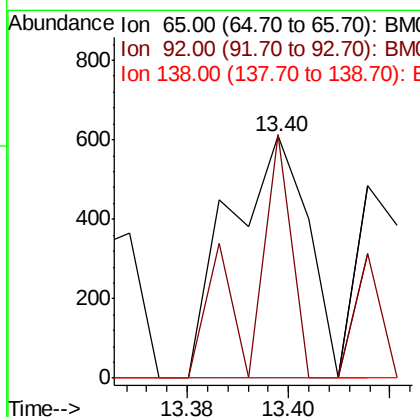
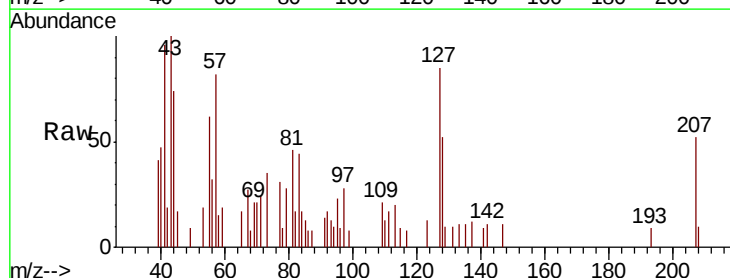
Instrument :
BNA_M
ClientSampleId :

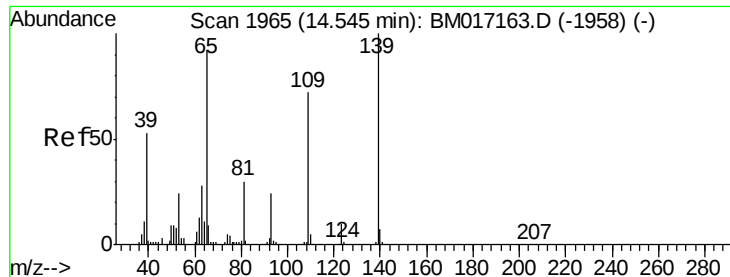
Tot Ion:172 Resp: 4581322
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.0 18.3 27.5



#48
2-Nitroaniline
Concen: 5.726 ng
RT: 13.40 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BM017266.D
Acq: 20 Oct 2018 15:39

Tgt Ion: 65 Resp: 651
Ion Ratio Lower Upper
65 100
92 100.5 54.9 82.3#
138 0.0 83.7 125.5#

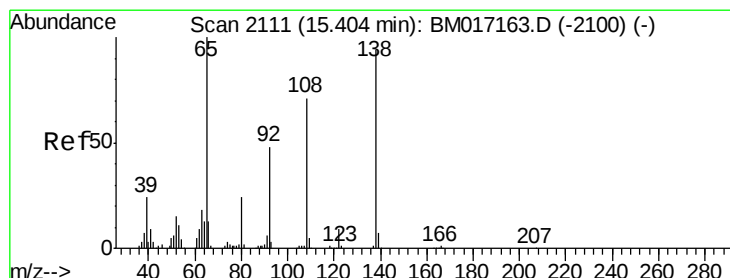
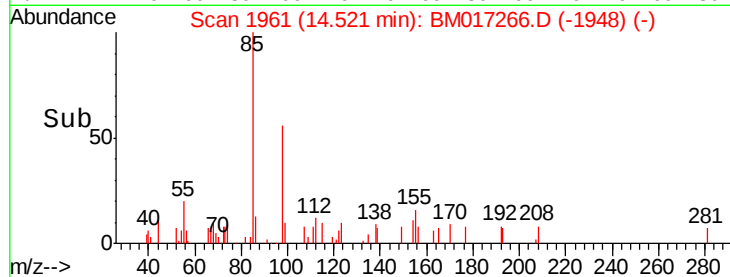
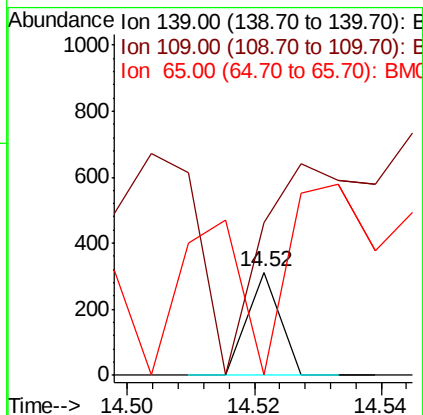
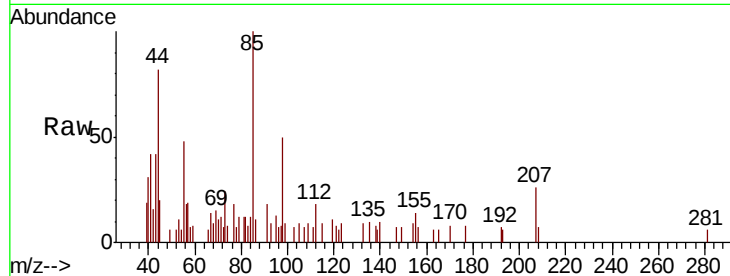




#56
4-Nitrophenol
Concen: 4.725 ng
RT: 14.52 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BM017266.D
Acq: 20 Oct 2018 15:39

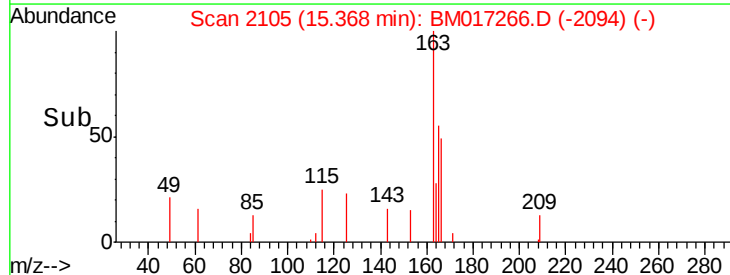
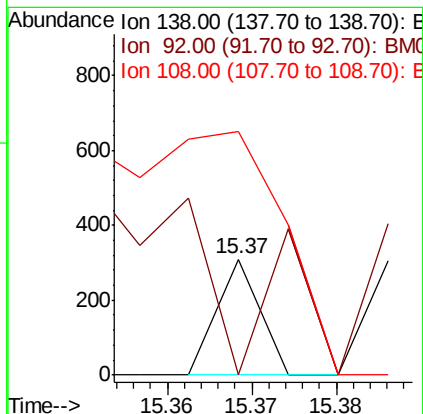
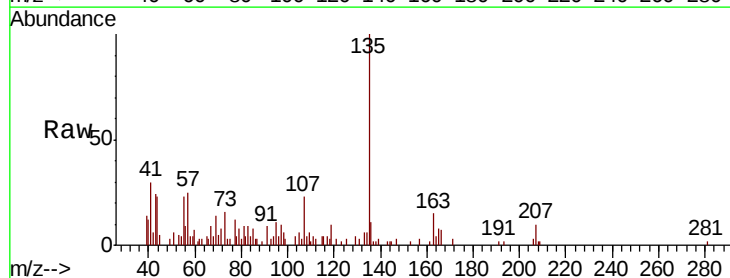
Instrument :
BNA_M
ClientSampleId :

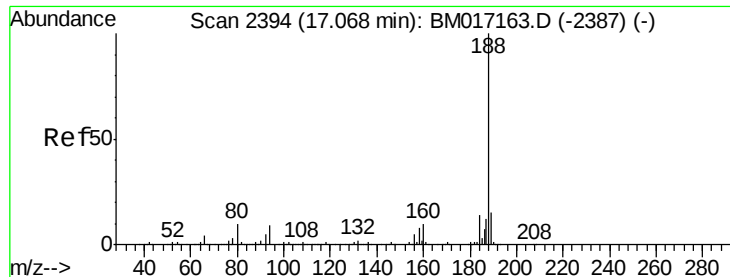
Tot Ion	Ratio	Lower	Upper
139	100		
109	147.9	51.8	91.8#
65	0.0	72.1	112.1#



#62
4-Nitroaniline
Concen: 4.761 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.03 min
Lab File: BM017266.D
Acq: 20 Oct 2018 15:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	0.0	31.2	71.2#
108	210.7	55.5	95.5#

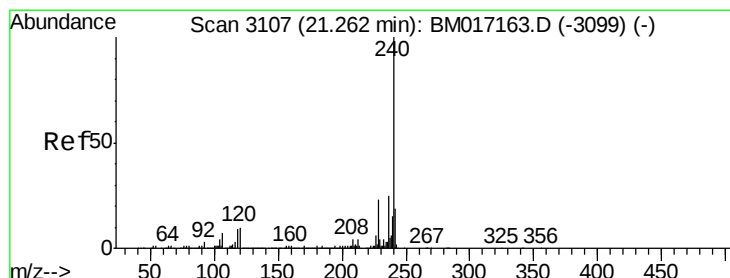
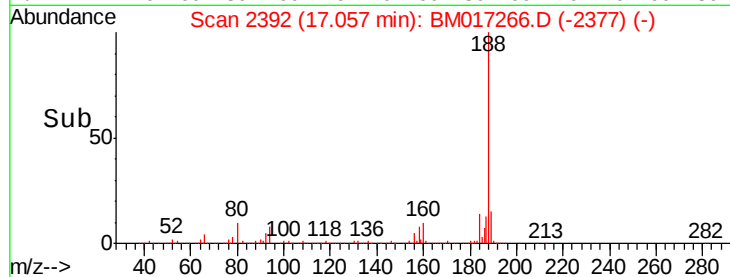
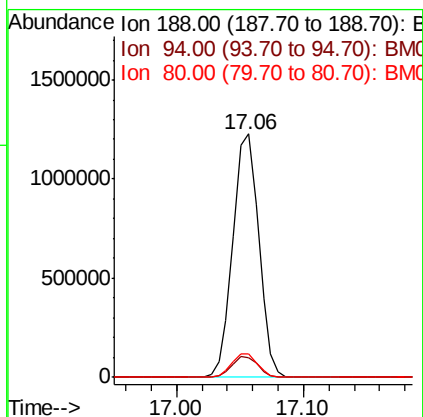
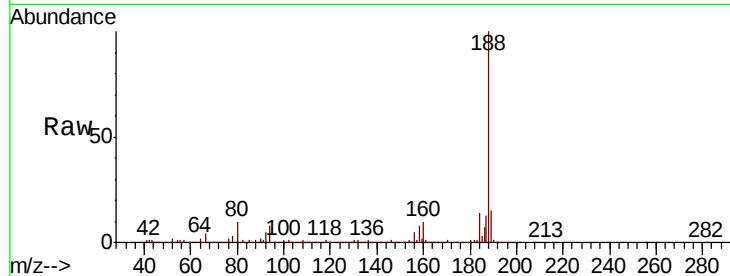




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017266.D
Acq: 20 Oct 2018 15:39

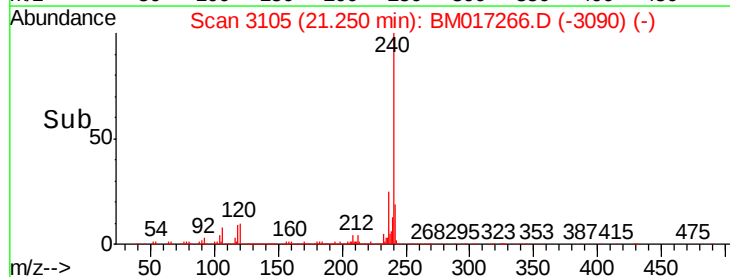
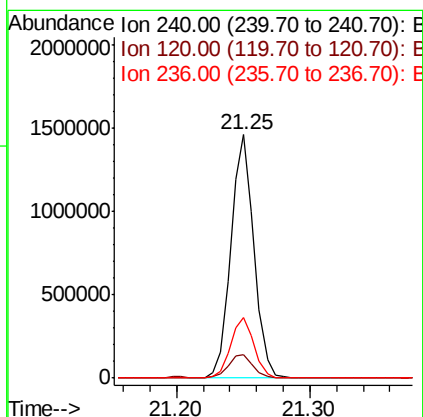
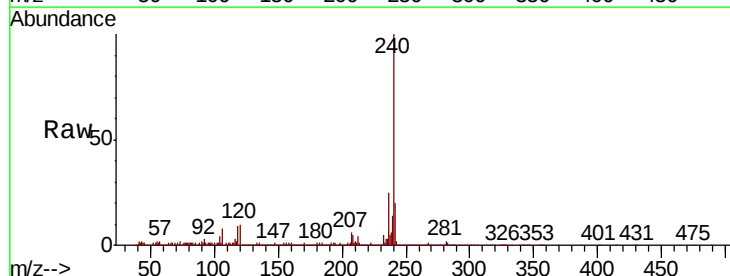
Instrument :
BNA_M
ClientSampleId :

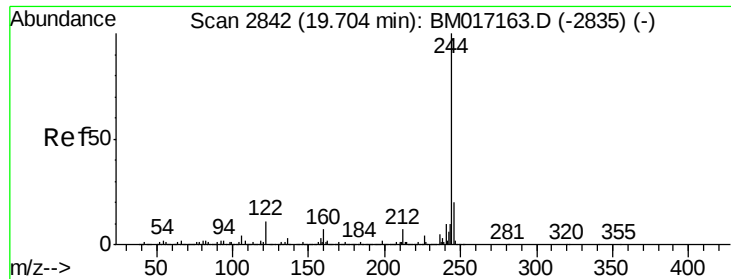
Tot Ion:188 Resp: 1736021
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 9.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017266.D
Acq: 20 Oct 2018 15:39

Tgt Ion:240 Resp: 1751756
Ion Ratio Lower Upper
240 100
120 9.7 8.1 12.1
236 25.1 19.9 29.9

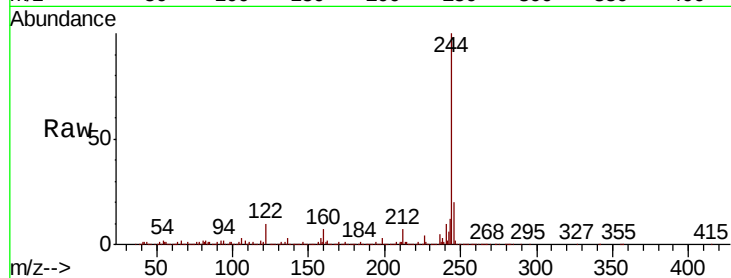




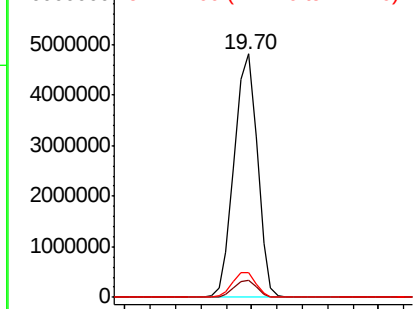
#79
 Terphenyl-d14
 Concen: 78.357 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017266.D
 Acq: 20 Oct 2018 15:39

Instrument :
 BNA_M
 ClientSampleId :

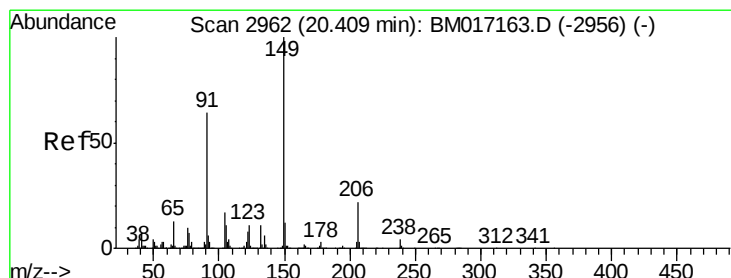
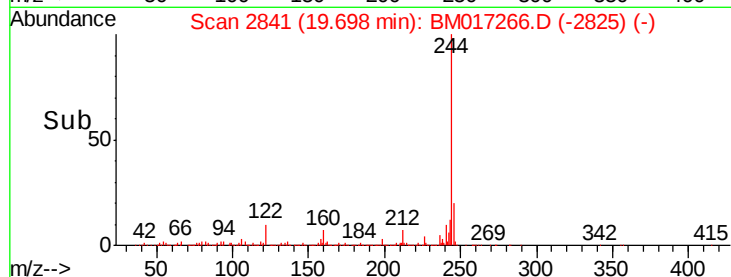
Tot Ion:244 Resp: 6089730
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 10.0 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

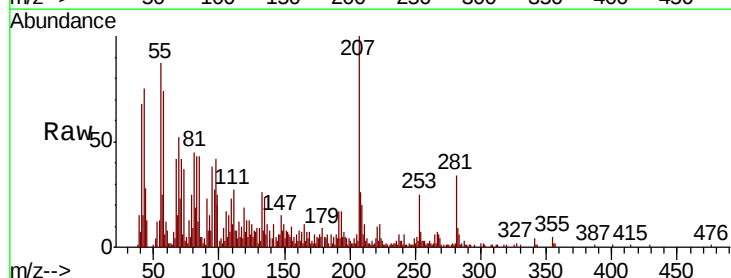


Time--> 19.60 19.70 19.80

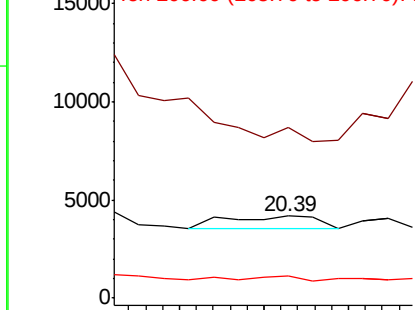


#80
 Butylbenzylphthalate
 Concen: 7.198 ng
 RT: 20.39 min Scan# 2958
 Delta R.T. -0.02 min
 Lab File: BM017266.D
 Acq: 20 Oct 2018 15:39

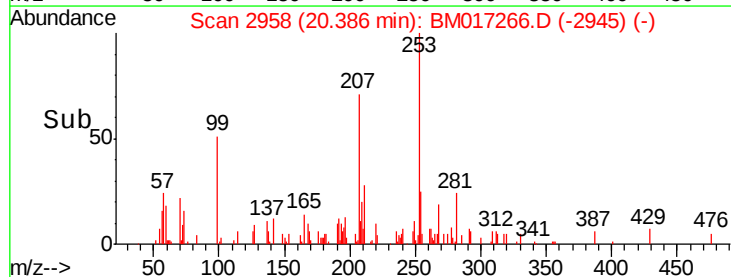
Tgt Ion:149 Resp: 971
 Ion Ratio Lower Upper
 149 100
 91 208.7 51.3 76.9#
 206 26.4 18.0 27.0

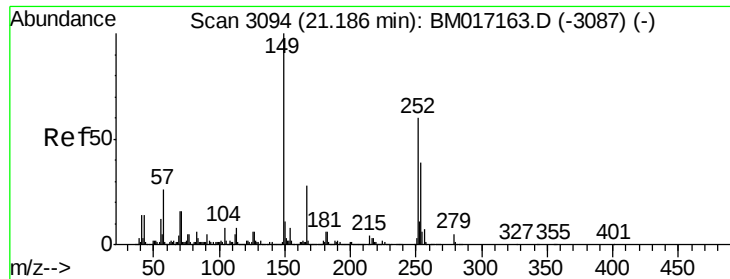


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E



Time--> 20.36 20.38 20.40

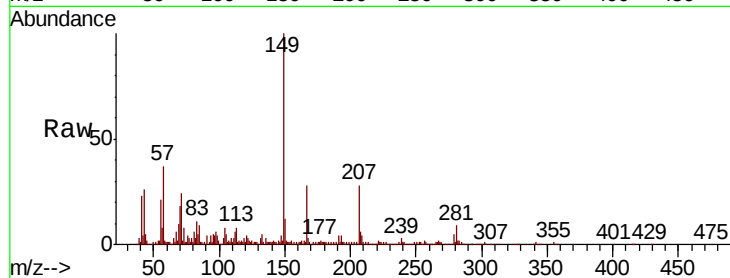




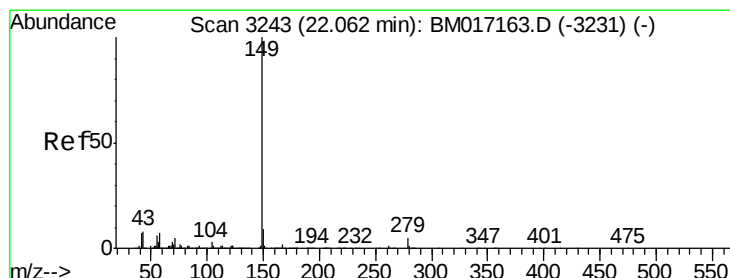
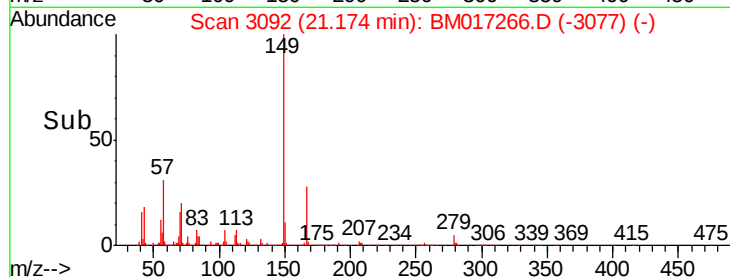
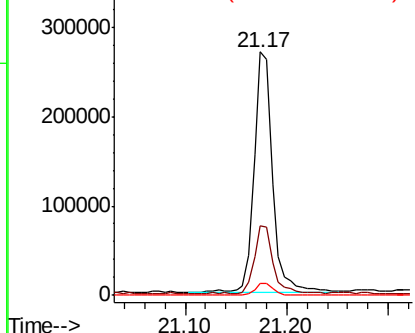
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 10.568 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017266.D
 Acq: 20 Oct 2018 15:39

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.2	33.4
279	4.8	3.6	5.4

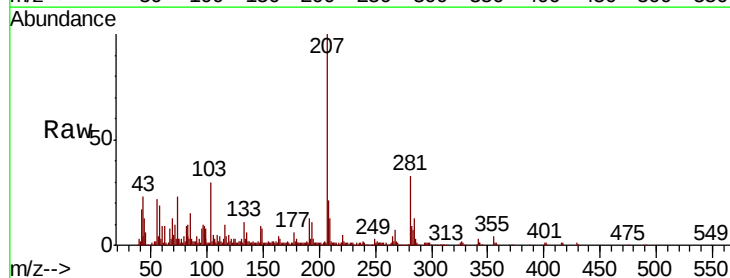


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

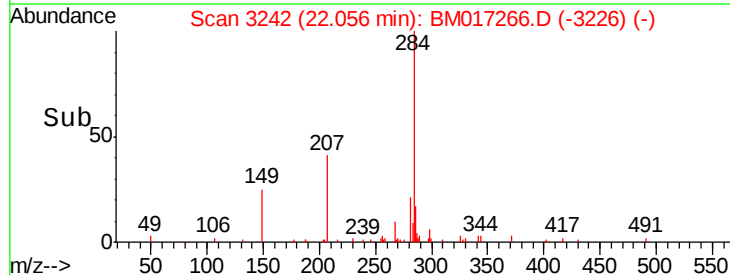
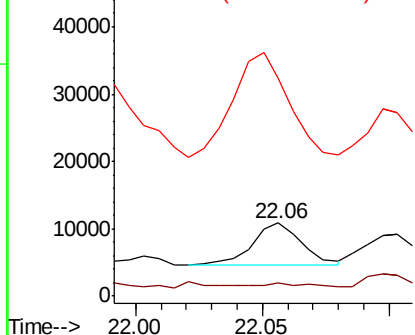


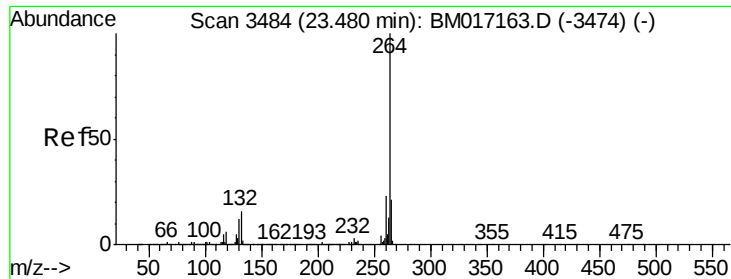
#85
 Di-n-octyl phthalate
 Concen: 5.651 ng
 RT: 22.06 min Scan# 3242
 Delta R.T. -0.01 min
 Lab File: BM017266.D
 Acq: 20 Oct 2018 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.6	1.4	2.0#
43	296.7	7.2	10.8#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BM





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017266.D
Acq: 20 Oct 2018 15:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1635543

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.6	27.8
265	21.6	17.8	26.8

