

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017267.D
 Acq On : 20 Oct 2018 16:15
 Operator : MJ/SJ
 Sample : J5538-24
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 22 05:11:16 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	327553	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1410081	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	823116	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1843509	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1876625	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1685125	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	1920513	99.17	ng	0.00
7) Phenol-d6	6.85	99	2384786	90.41	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1802445	74.76	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1225257	110.07	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	4238387	68.51	ng	-0.01
79) Terphenyl-d14	19.70	244	6307000	75.75	ng	0.00

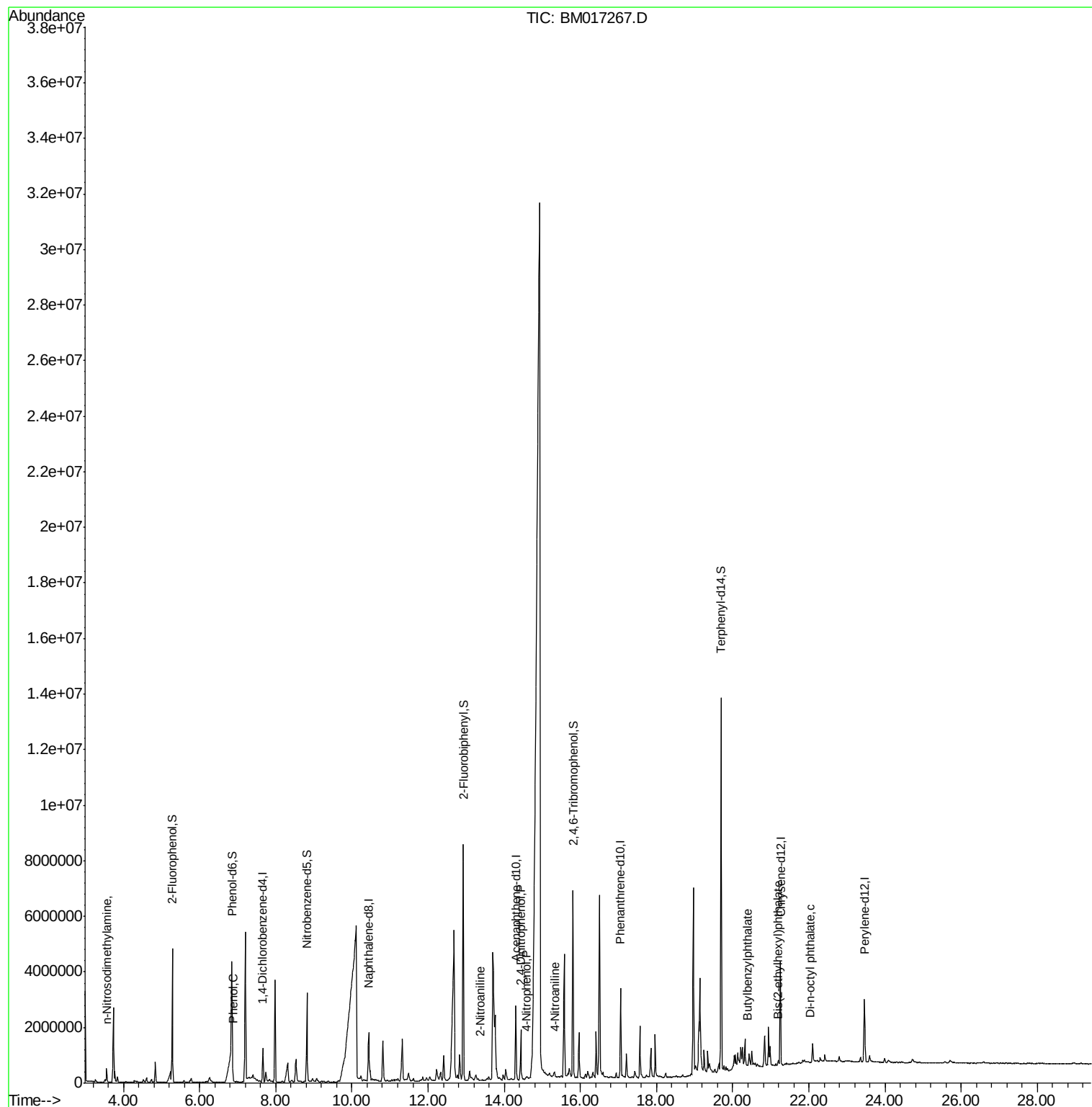
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.56	42	18724	2.050	ng	# 14
10) Phenol	6.87	94	77893	2.744	ng	# 93
48) 2-Nitroaniline	13.37	65	161	5.697	ng	# 28
54) 2,4-Dinitrophenol	14.43	184	1285	8.367	ng	# 1
56) 4-Nitrophenol	14.59	139	5839	5.115	ng	# 72
62) 4-Nitroaniline	15.34	138	768	4.796	ng	# 92
80) Butylbenzylphthalate	20.38	149	375	7.184	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.17	149	8489	5.432	ng	# 87
85) Di-n-octyl phthalate	22.04	149	1063	5.581	ng	# 57

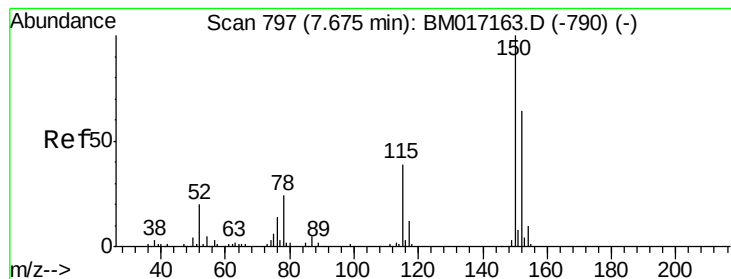
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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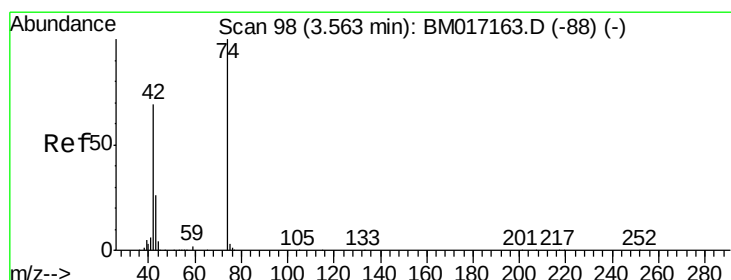
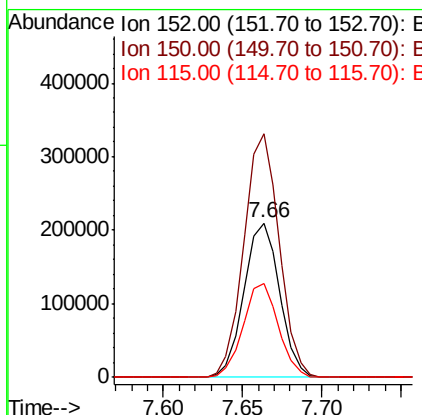
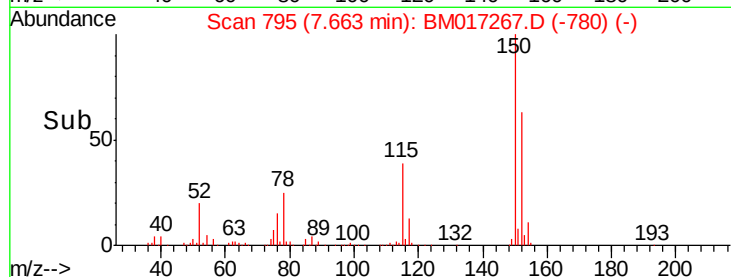
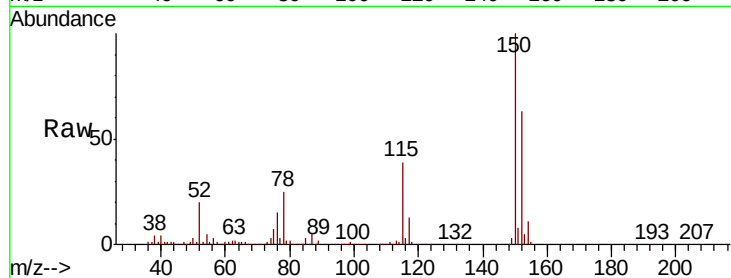


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017267.D
Acq: 20 Oct 2018 16:15

Instrument :
BNA_M
ClientSampleId :

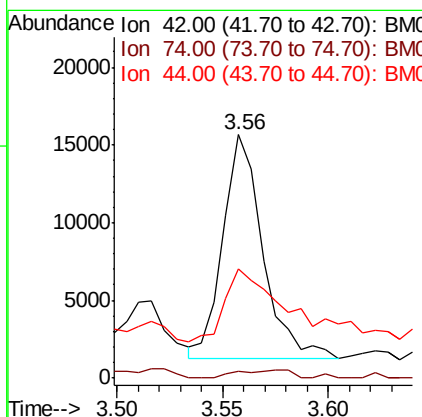
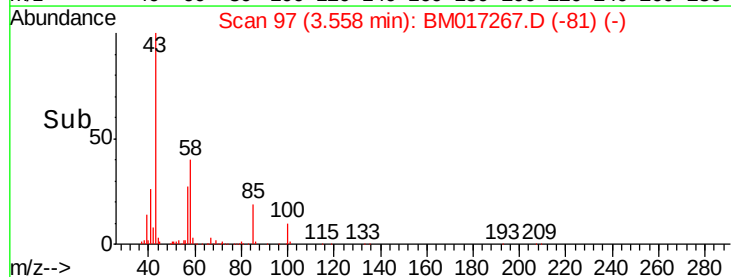
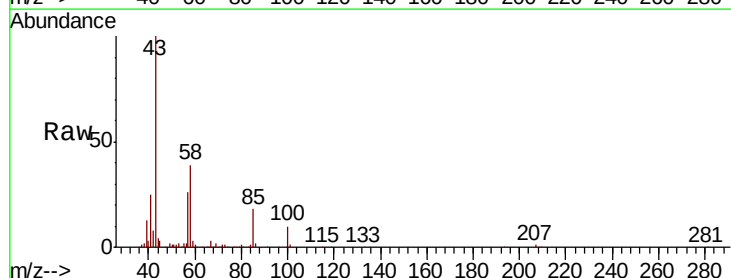
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.3	186.5
115	61.1	48.1	72.1

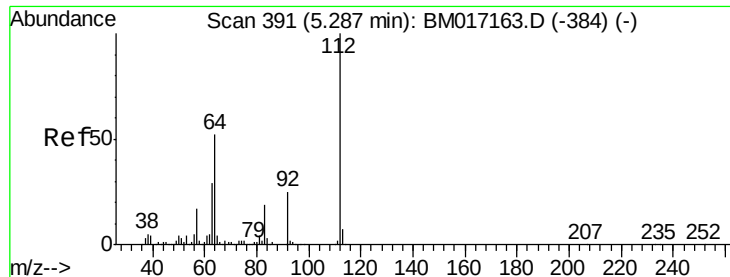


#4

n-Nitrosodimethylamine
Concen: 2.050 ng
RT: 3.56 min Scan# 97
Delta R.T. -0.01 min
Lab File: BM017267.D
Acq: 20 Oct 2018 16:15

Tgt Ion	Ratio	Lower	Upper
42	100		
74	2.7	114.4	171.6#
44	44.8	48.6	73.0#





#5

2-Fluorophenol

Concen: 99.167 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017267.D

Acq: 20 Oct 2018 16:15

Instrument :

BNA_M

ClientSampleId :

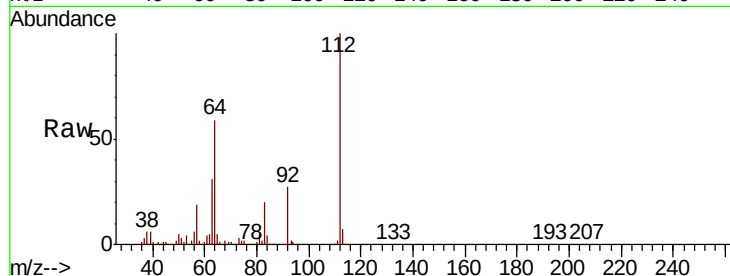
Tot Ion:112 Resp: 1920513

Ion Ratio Lower Upper

112 100

64 58.6 41.7 62.5

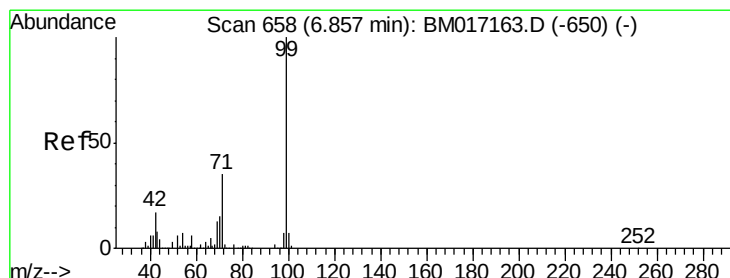
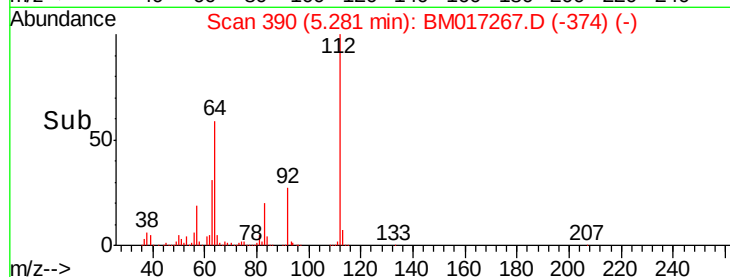
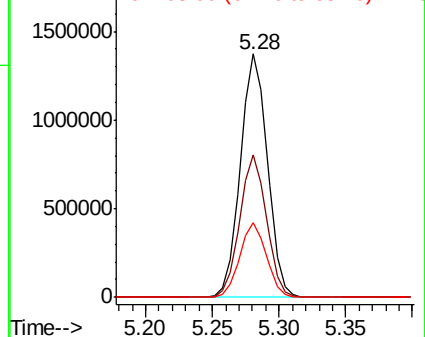
63 30.7 23.0 34.4



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: 90.415 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017267.D

Acq: 20 Oct 2018 16:15

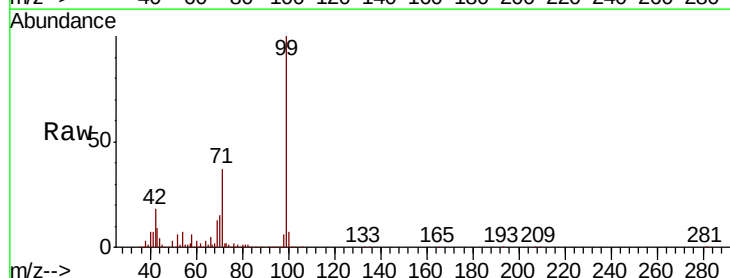
Tgt Ion: 99 Resp: 2384786

Ion Ratio Lower Upper

99 100

42 18.1 13.3 19.9

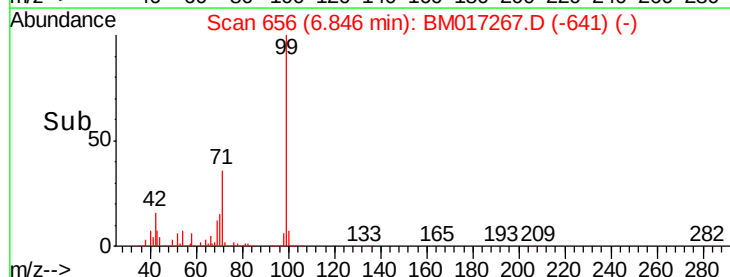
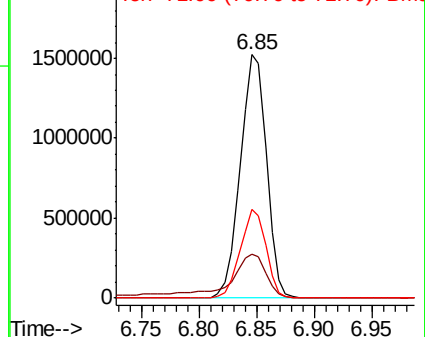
71 36.5 28.0 42.0

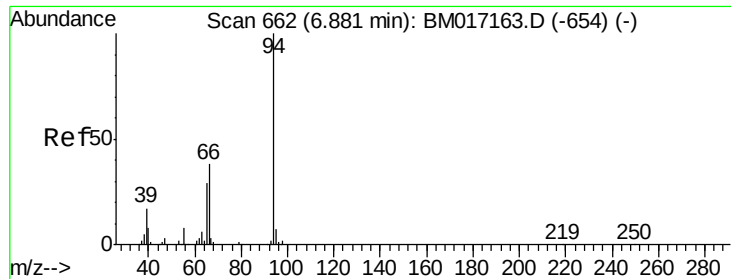


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM

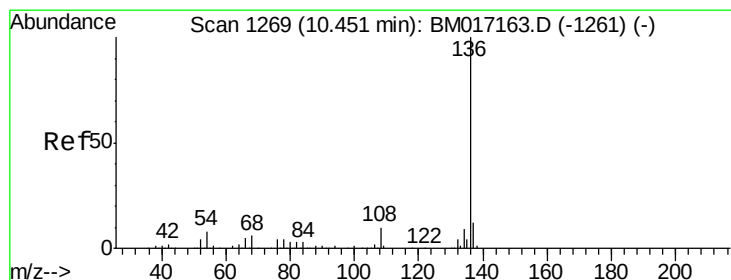
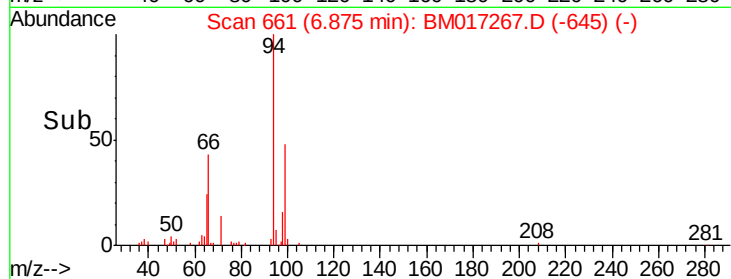
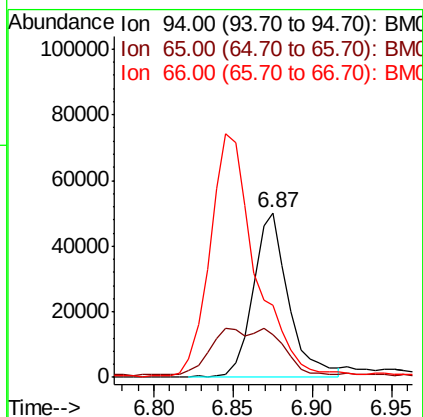
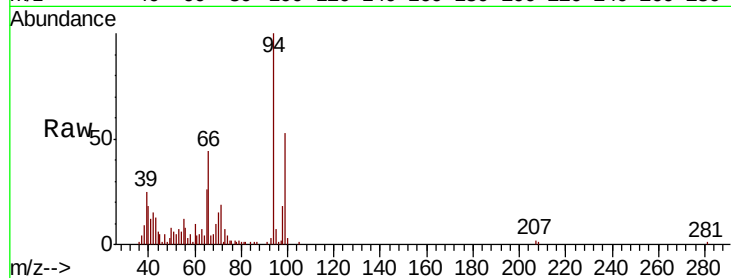




#10
Phenol
Concen: 2.744 ng
RT: 6.87 min Scan# 661
Delta R.T. -0.01 min
Lab File: BM017267.D
Acq: 20 Oct 2018 16:15

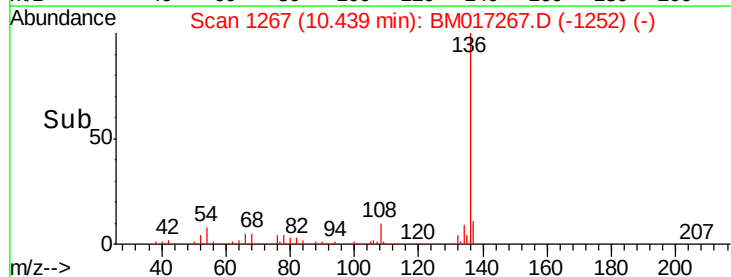
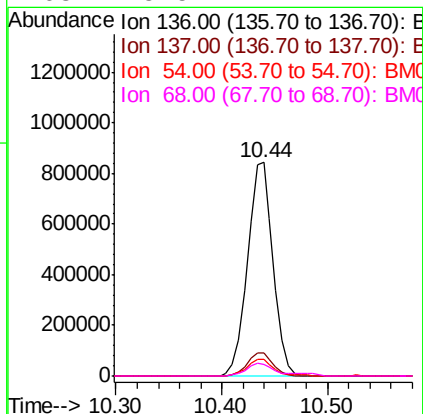
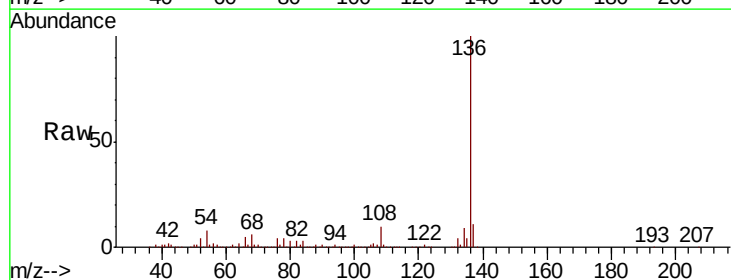
Instrument :
BNA_M
ClientSampled :

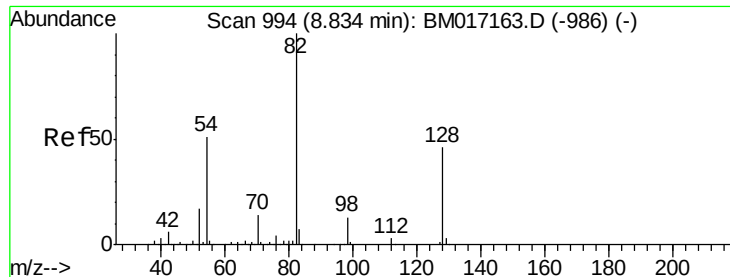
Tot Ion: 94 Resp: 77893
Ion Ratio Lower Upper
94 100
65 26.2 9.4 49.4
66 43.6 19.0 59.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM017267.D
Acq: 20 Oct 2018 16:15

Tgt Ion: 136 Resp: 1410081
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.9 6.7 10.1
68 5.5 4.7 7.1

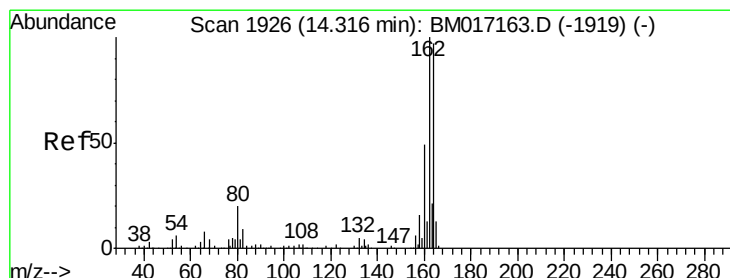
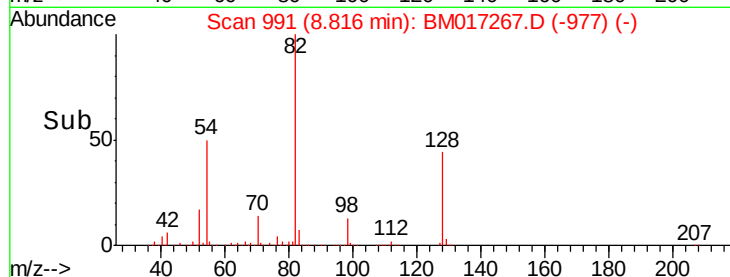
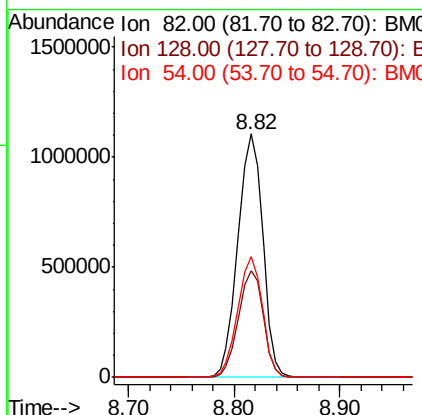
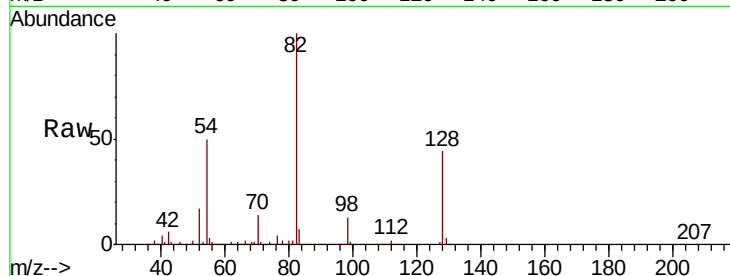




#23
 Nitrobenzene-d5
 Concen: 74.760 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BM017267.D
 Acq: 20 Oct 2018 16:15

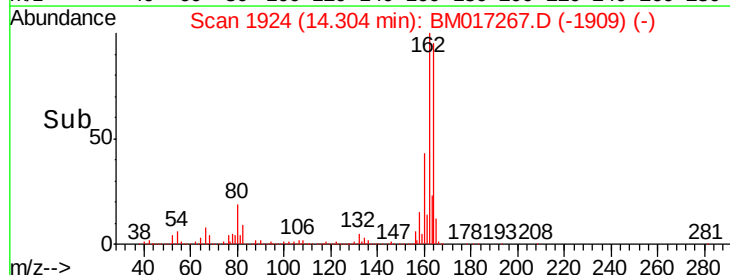
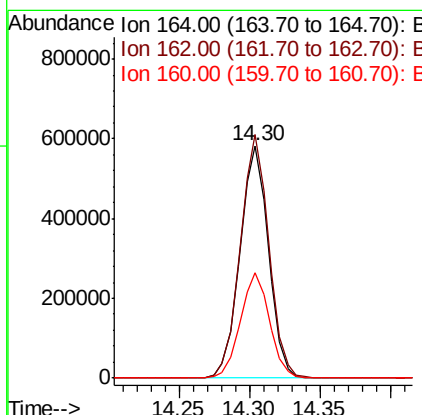
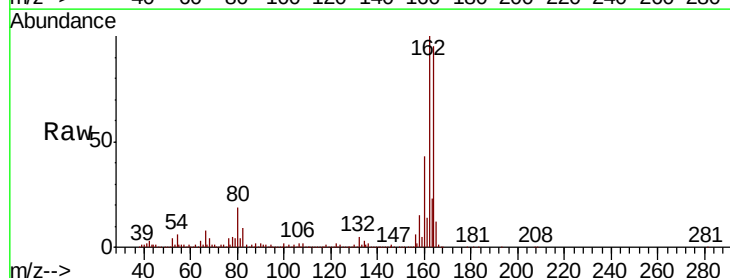
Instrument :
 BNA_M
 ClientSampled :

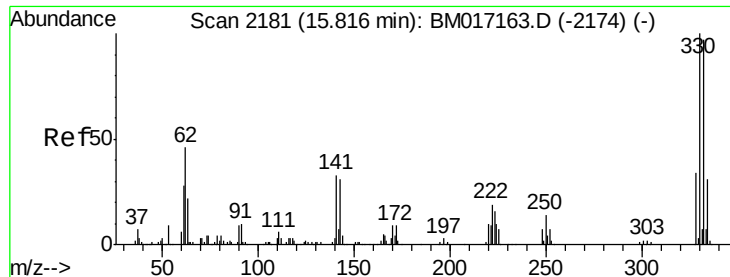
Tot Ion: 82 Resp: 1802445
 Ion Ratio Lower Upper
 82 100
 128 43.7 37.0 55.6
 54 49.5 40.7 61.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BM017267.D
 Acq: 20 Oct 2018 16:15

Tgt Ion:164 Resp: 823116
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.1 123.1
 160 45.6 40.2 60.2

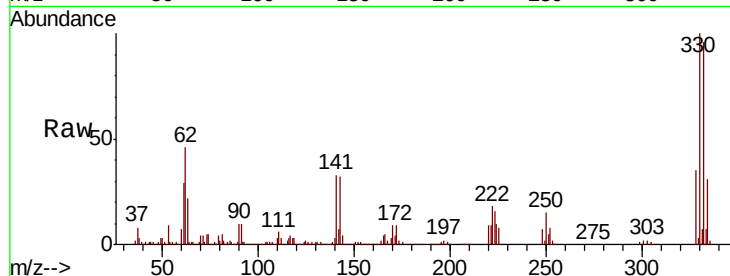




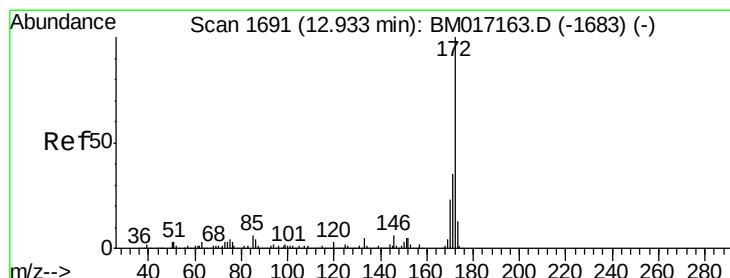
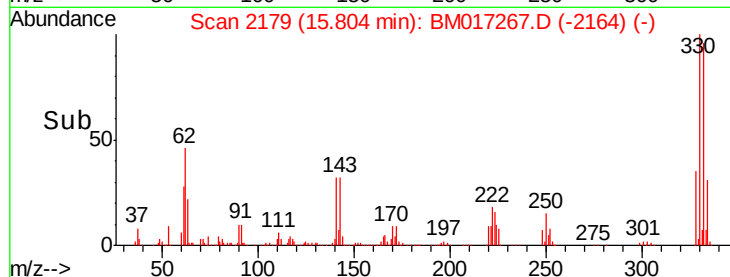
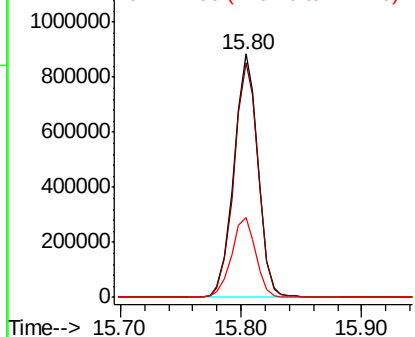
#42
 2,4,6-Tribromophenol
 Concen: 110.072 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BM017267.D
 Acq: 20 Oct 2018 16:15

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 1225257
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.3 115.9
 141 33.0 27.4 41.0

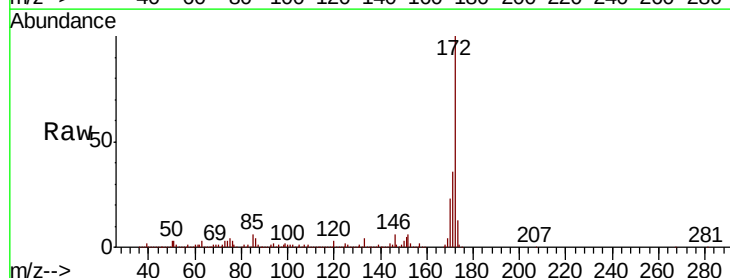


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

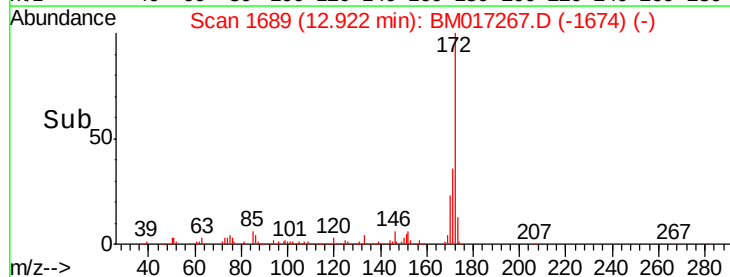
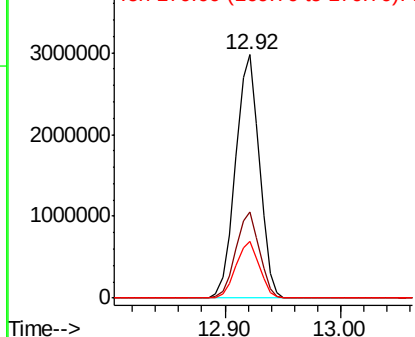


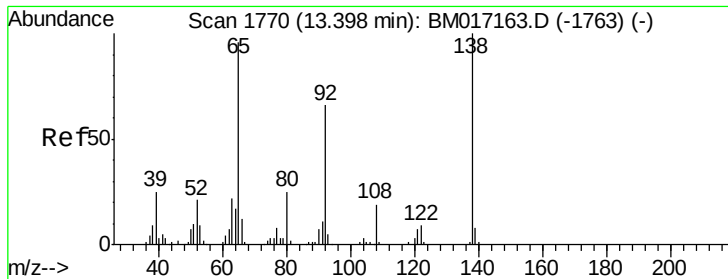
#45
 2-Fluorobiphenyl
 Concen: 68.512 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017267.D
 Acq: 20 Oct 2018 16:15

Tgt Ion:172 Resp: 4238387
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.3 42.5
 170 23.3 18.3 27.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

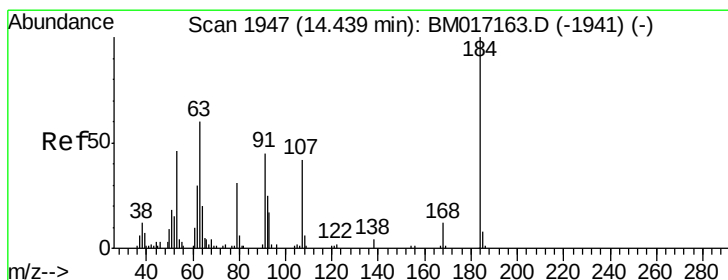
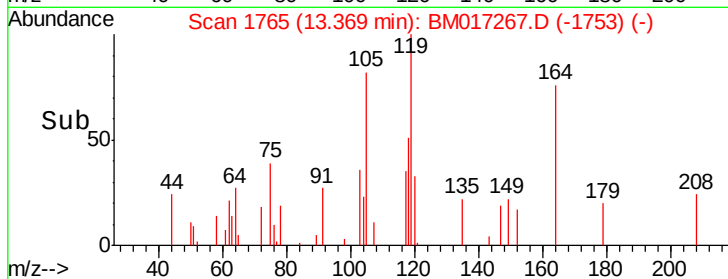
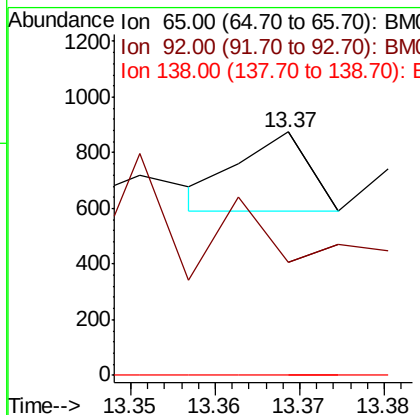
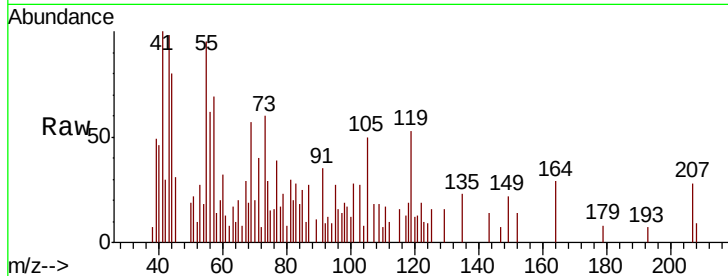




#48
2-Nitroaniline
Concen: 5.697 ng
RT: 13.37 min Scan# 1765
Delta R.T. -0.03 min
Lab File: BM017267.D
Acq: 20 Oct 2018 16:15

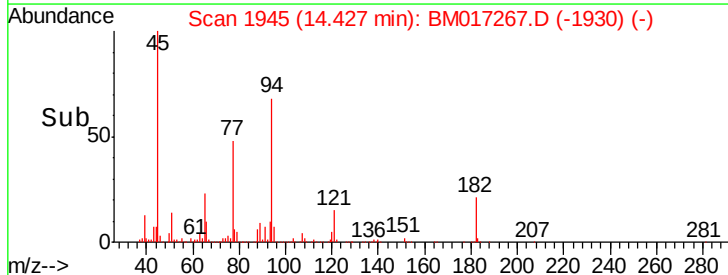
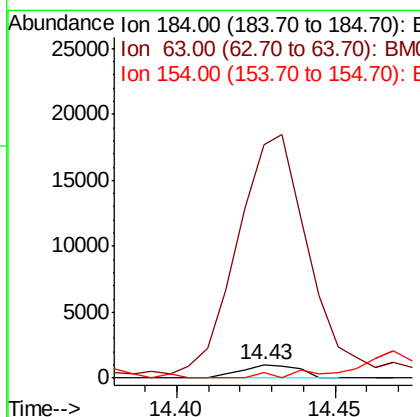
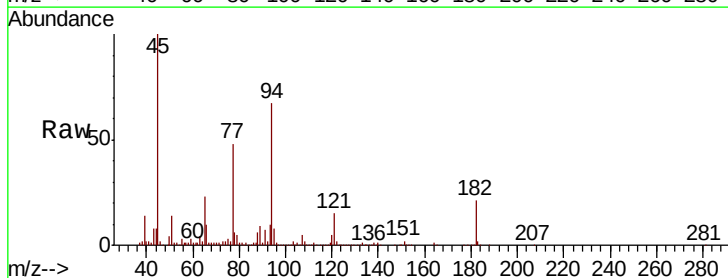
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BNA_M
ClientSampled :

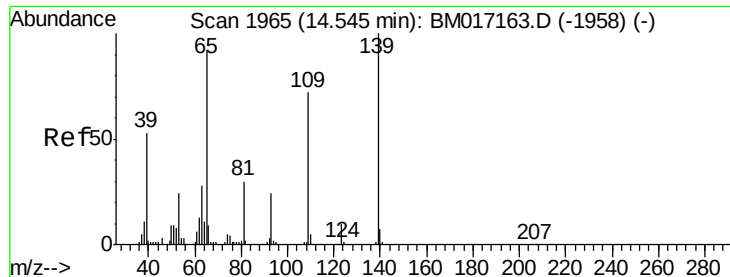
Tot Ion: 65 Resp: 161
Ion Ratio Lower Upper
65 100
92 46.4 54.9 82.3#
138 0.0 83.7 125.5#



#54
2,4-Dinitrophenol
Concen: 8.367 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM017267.D
Acq: 20 Oct 2018 16:15

Tgt Ion: 184 Resp: 1285
Ion Ratio Lower Upper
184 100
63 1758.1 51.2 76.8#
154 45.3 47.8 71.8#

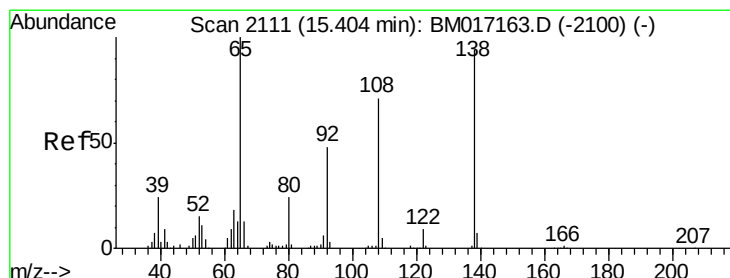
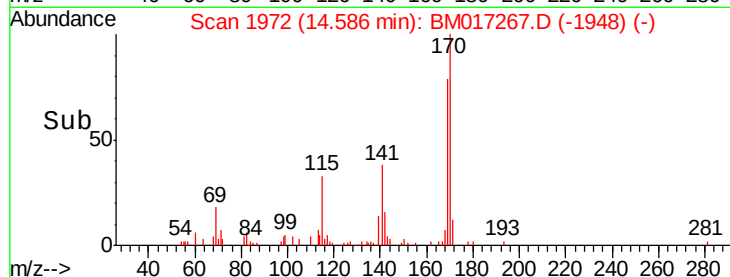
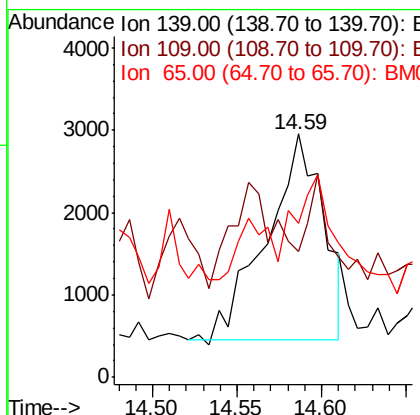
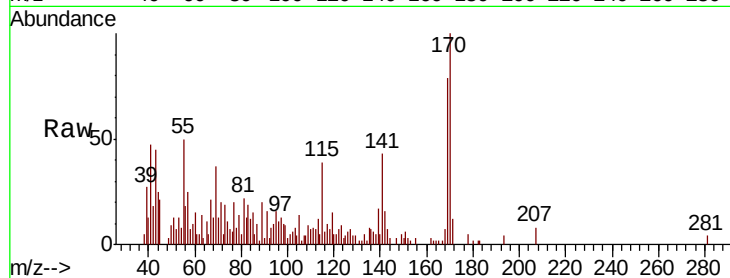




#56
4-Nitrophenol
Concen: 5.115 ng
RT: 14.59 min Scan# 1972
Delta R.T. 0.04 min
Lab File: BM017267.D
Acq: 20 Oct 2018 16:15

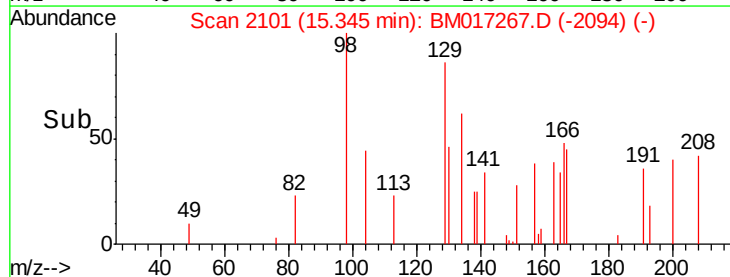
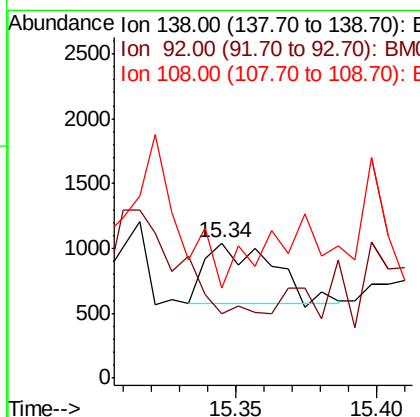
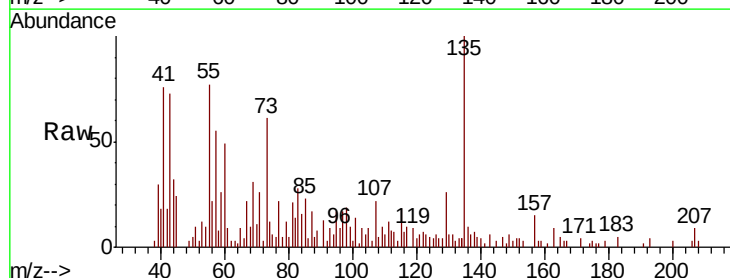
Instrument :
BNA_M
ClientSampled :

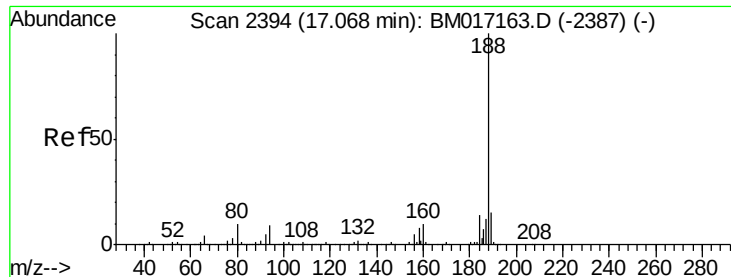
Tot Ion	Ratio	Lower	Upper
139	100		
109	51.7	51.8	91.8#
65	63.2	72.1	112.1#



#62
4-Nitroaniline
Concen: 4.796 ng
RT: 15.34 min Scan# 2101
Delta R.T. -0.06 min
Lab File: BM017267.D
Acq: 20 Oct 2018 16:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	31.2	71.2
108	66.2	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: BM017267.D

Acq: 20 Oct 2018 16:15

Instrument :

BNA_M

ClientSampleId :

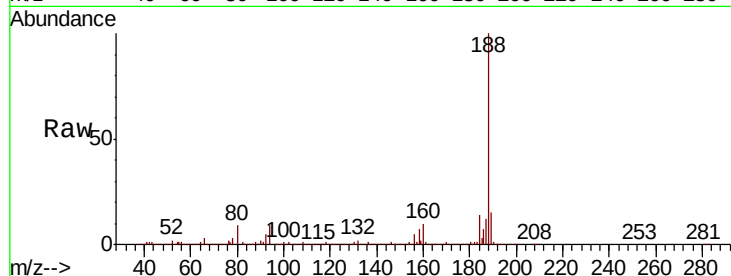
Tot Ion:188 Resp: 1843509

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.4

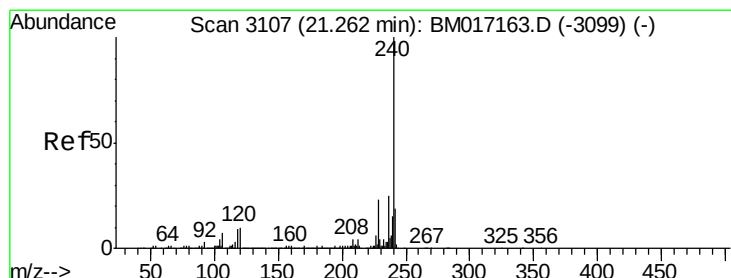
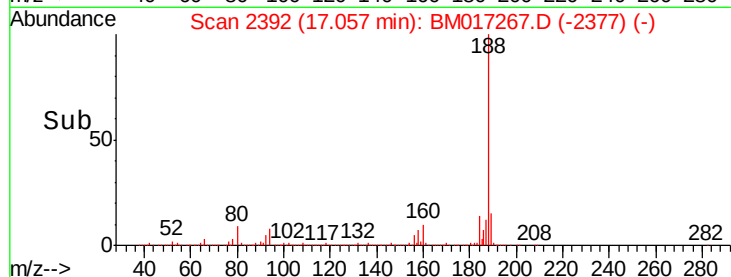
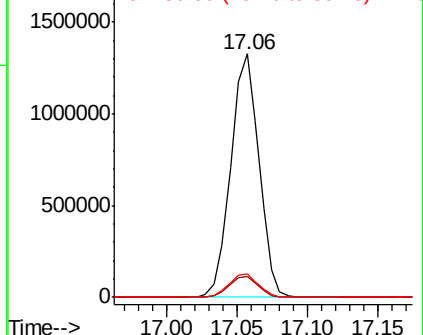
80 9.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017267.D

Acq: 20 Oct 2018 16:15

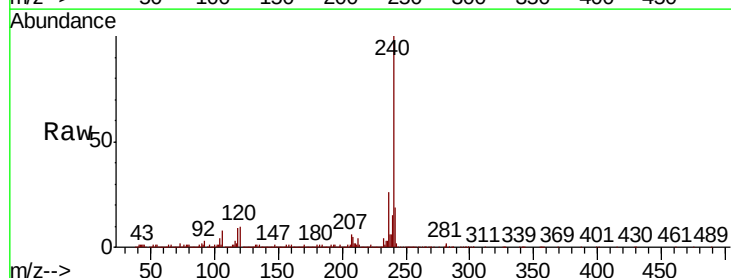
Tgt Ion:240 Resp: 1876625

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

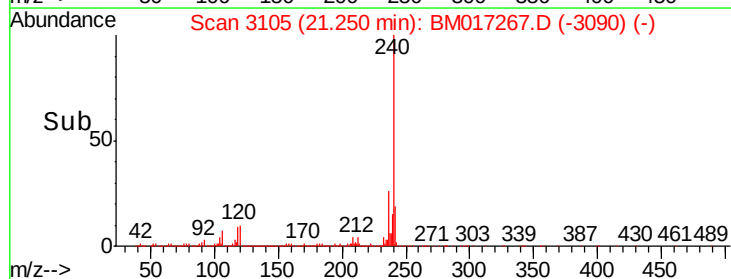
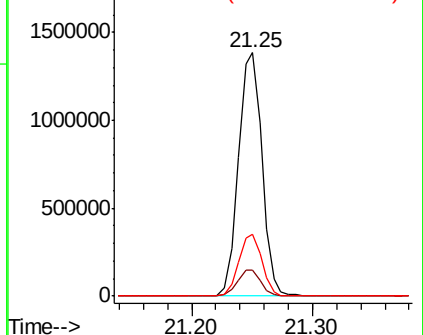
236 25.5 19.9 29.9

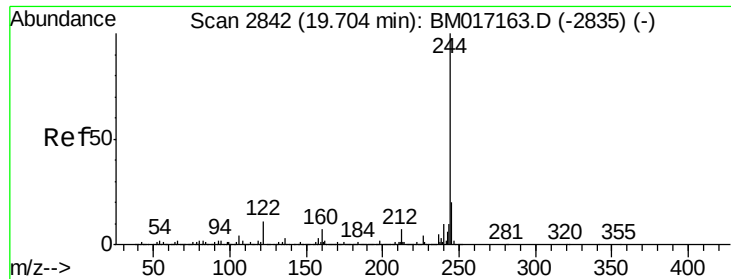


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



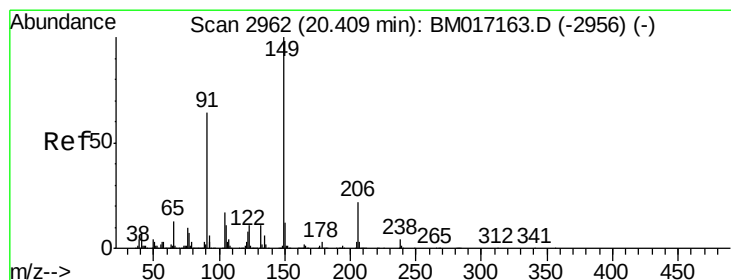
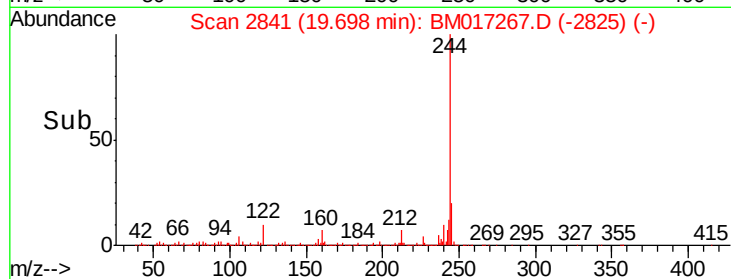
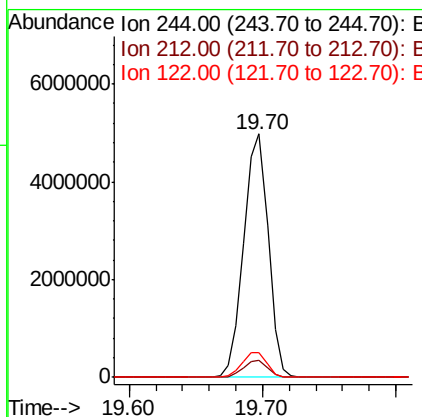
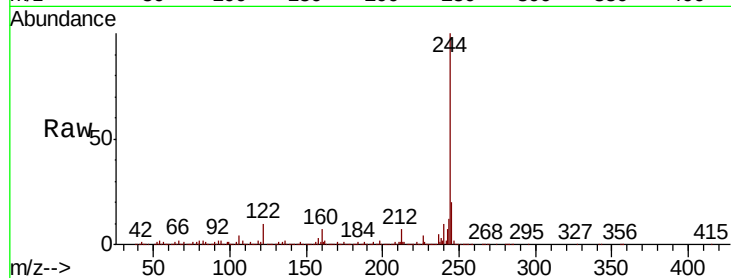


#79
 Terphenyl-d14
 Concen: 75.753 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017267.D
 Acq: 20 Oct 2018 16:15

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 6307000

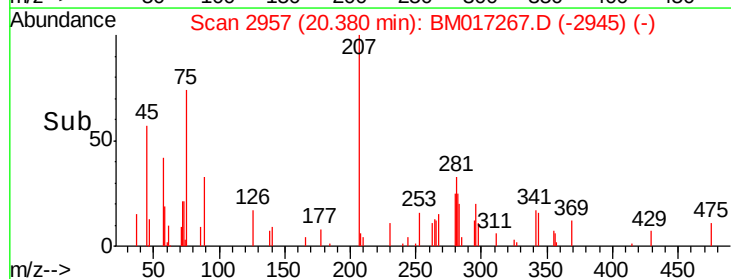
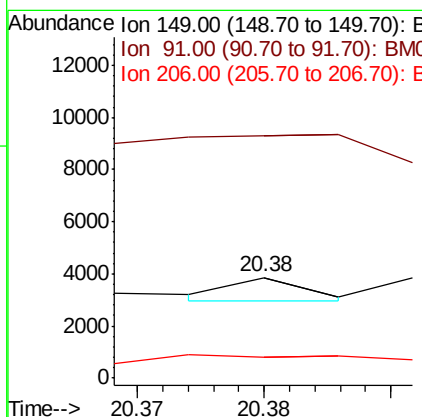
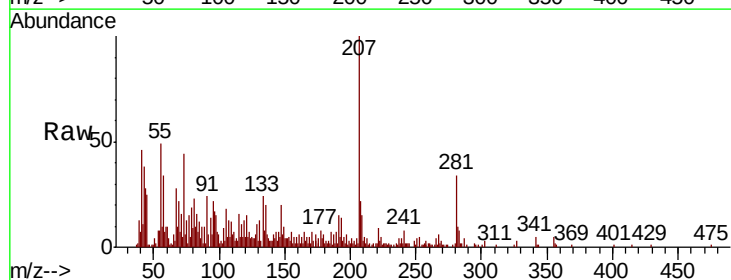
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	10.0	8.4	12.6

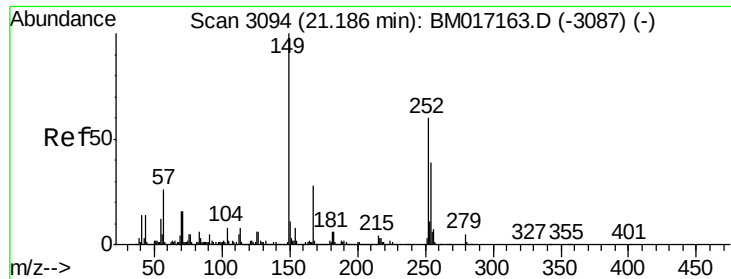


#80
 Butylbenzylphthalate
 Concen: 7.184 ng
 RT: 20.38 min Scan# 2957
 Delta R.T. -0.03 min
 Lab File: BM017267.D
 Acq: 20 Oct 2018 16:15

Tgt Ion:149 Resp: 375

Ion	Ratio	Lower	Upper
149	100		
91	240.1	51.3	76.9#
206	21.0	18.0	27.0

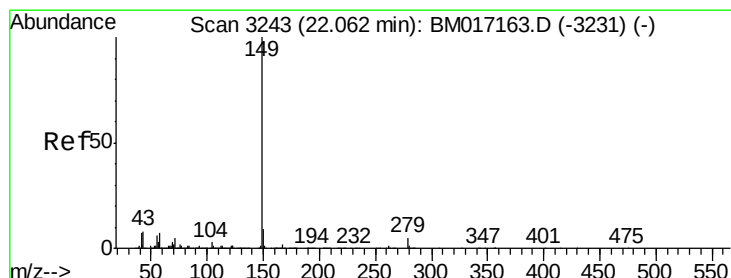
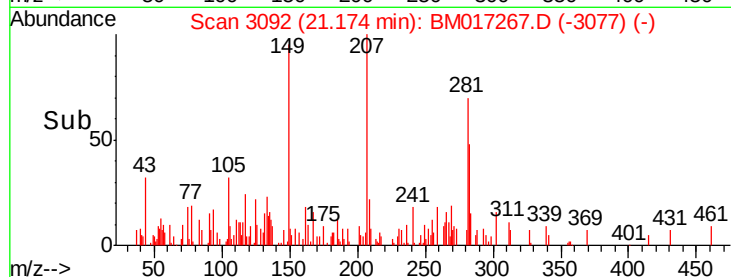
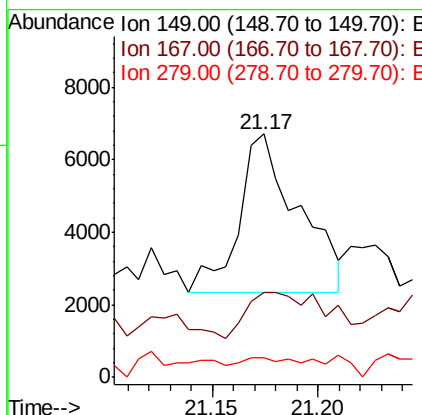
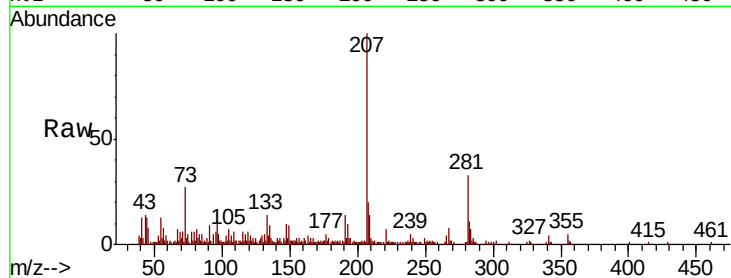




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.432 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017267.D
 Acq: 20 Oct 2018 16:15

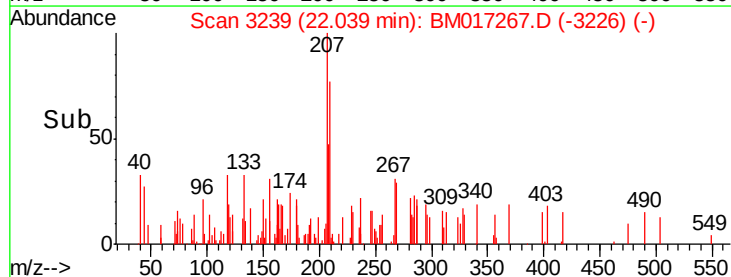
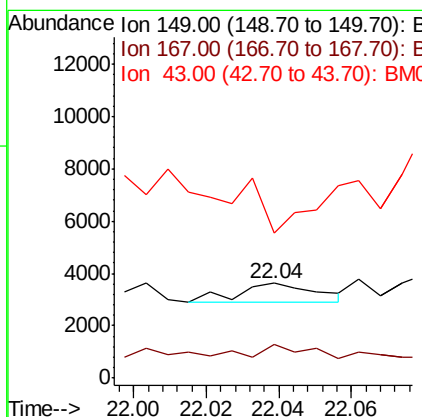
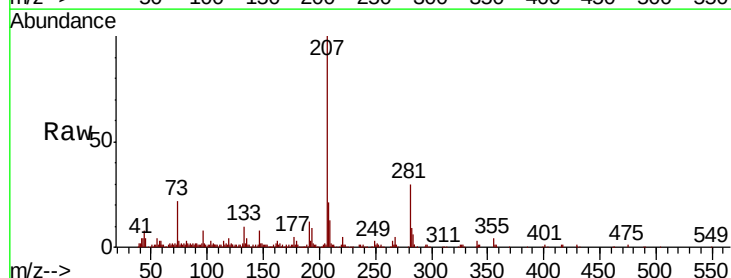
Instrument :
 BNA_M
 ClientSampleId :

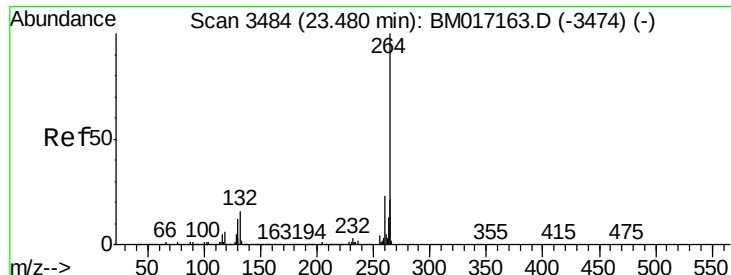
Tot Ion:149 Resp: 8489
 Ion Ratio Lower Upper
 149 100
 167 34.9 22.2 33.4#
 279 7.8 3.6 5.4#



#85
 Di-n-octyl phthalate
 Concen: 5.581 ng
 RT: 22.04 min Scan# 3239
 Delta R.T. -0.02 min
 Lab File: BM017267.D
 Acq: 20 Oct 2018 16:15

Tgt Ion:149 Resp: 1063
 Ion Ratio Lower Upper
 149 100
 167 52.4 1.4 2.0#
 43 0.0 7.2 10.8#

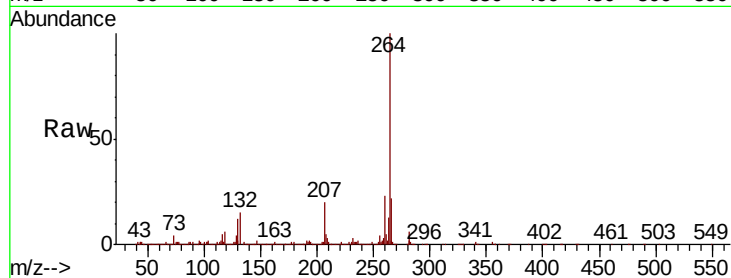




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017267.D
Acq: 20 Oct 2018 16:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	22.0	17.8	26.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

