

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017261.D
 Acq On : 20 Oct 2018 12:38
 Operator : MJ/SJ
 Sample : J5538-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 22 02:49:21 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

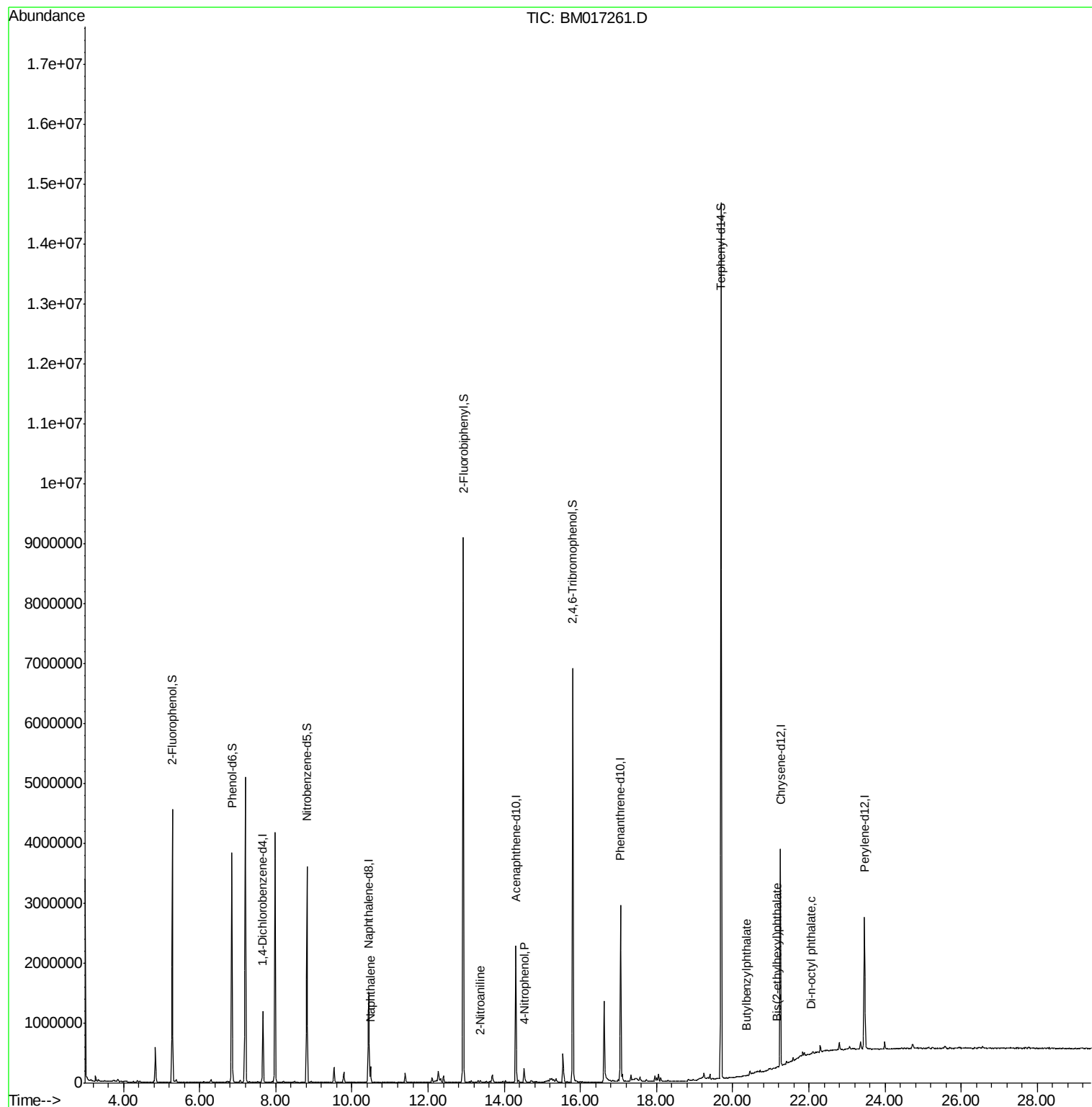
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	313972	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1254783	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	754483	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1734633	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1788930	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1604136	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1802500	97.10	ng	0.00
7) Phenol-d6	6.85	99	2090098	82.67	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1940280	90.44	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1247448	122.26	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	4542283	80.10	ng	-0.01
79) Terphenyl-d14	19.70	244	7050671	88.84	ng	0.00
Target Compounds						
31) Naphthalene	10.49	128	213728	3.476	ng	Qvalue 100
48) 2-Nitroaniline	13.37	65	110	5.694	ng	# 5
56) 4-Nitrophenol	14.53	139	793	4.776	ng	# 1
80) Butylbenzylphthalate	20.36	149	244	7.181	ng	# 88
84) Bis(2-ethylhexyl)phthalate	21.17	149	4964	5.384	ng	# 90
85) Di-n-octyl phthalate	22.06	149	1146	5.582	ng	# 75

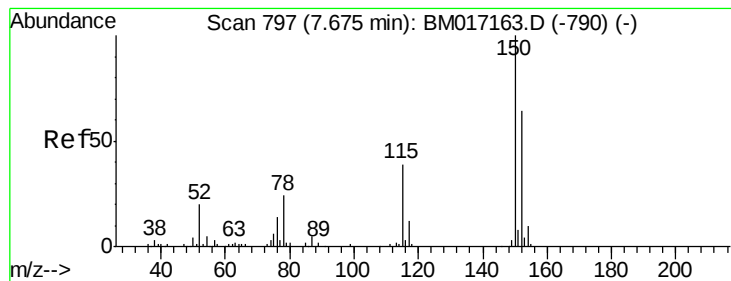
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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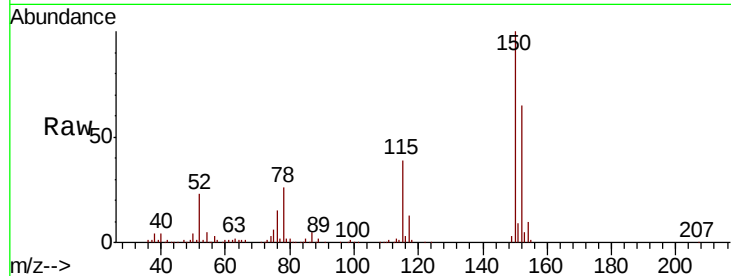


#1

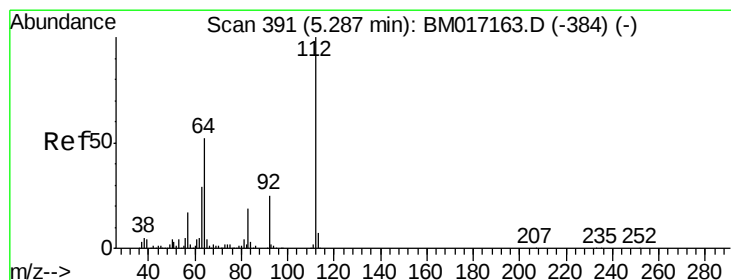
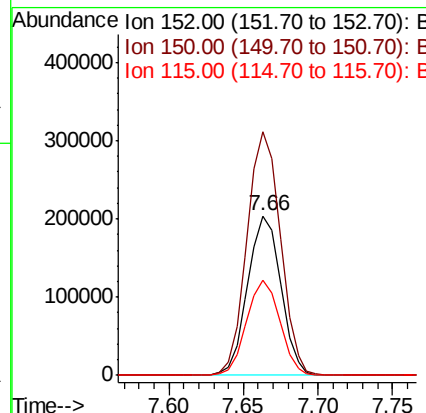
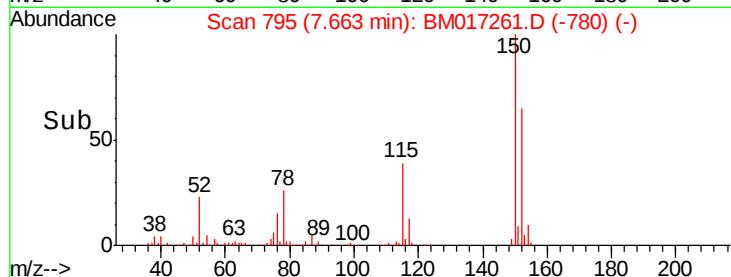
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017261.D
Acq: 20 Oct 2018 12:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 313972
Ion Ratio Lower Upper
152 100
150 152.7 124.3 186.5
115 60.1 48.1 72.1



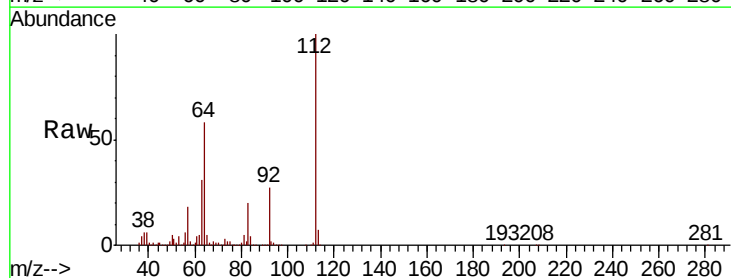
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



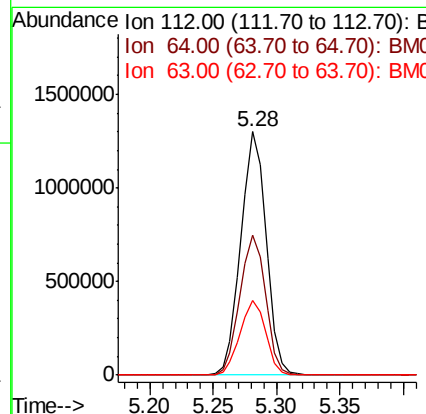
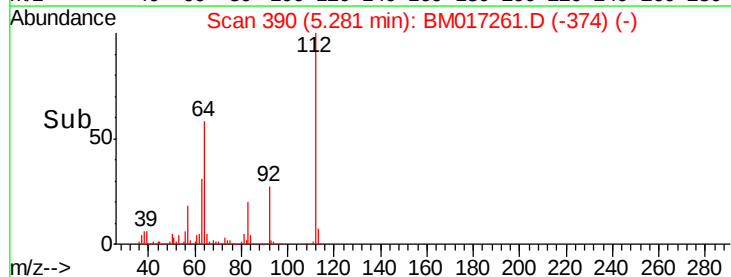
#5

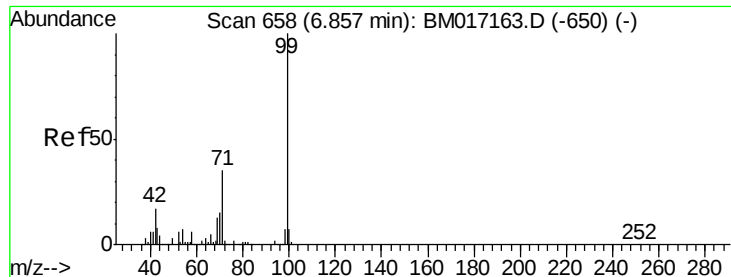
2-Fluorophenol
Concen: 97.099 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017261.D
Acq: 20 Oct 2018 12:38

Tgt Ion:112 Resp: 1802500
Ion Ratio Lower Upper
112 100
64 57.7 41.7 62.5
63 30.8 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 82.670 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017261.D

Acq: 20 Oct 2018 12:38

Instrument :

BNA_M

ClientSampleId :

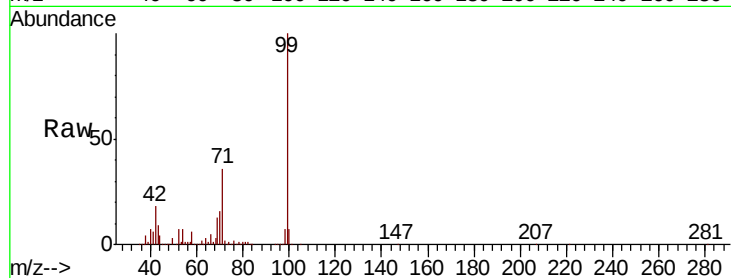
Tot Ion: 99 Resp: 2090098

Ion Ratio Lower Upper

99 100

42 17.8 13.3 19.9

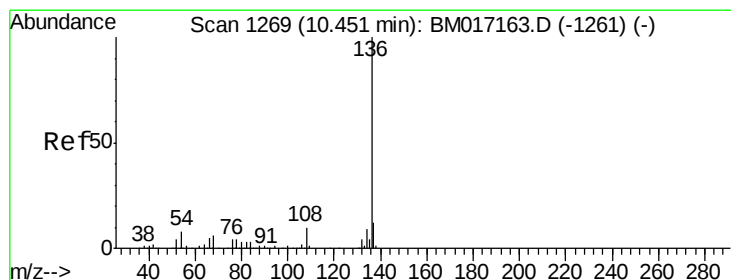
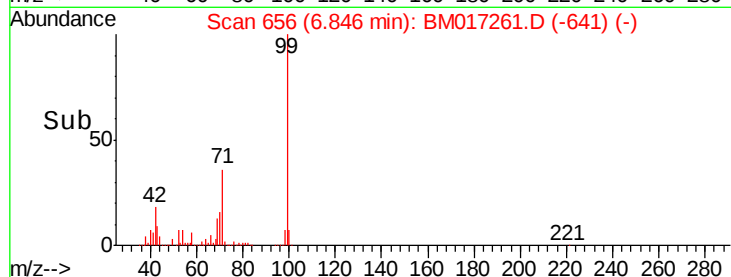
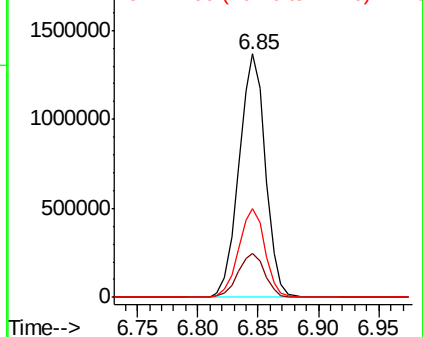
71 36.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017261.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017261.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017261.D (-650) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM017261.D

Acq: 20 Oct 2018 12:38

Tgt Ion: 136 Resp: 1254783

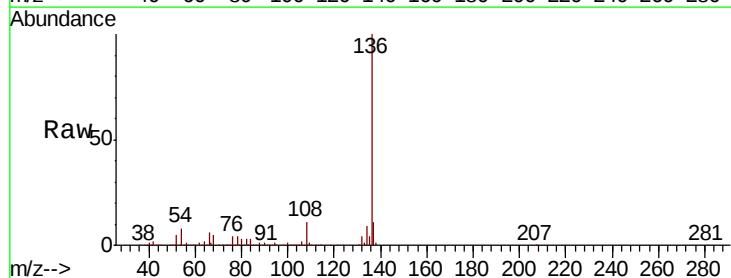
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 7.6 6.7 10.1

68 5.3 4.7 7.1

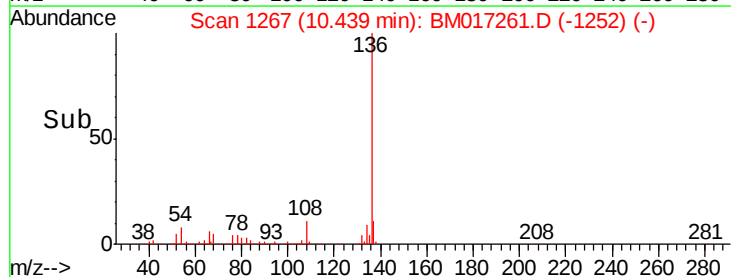
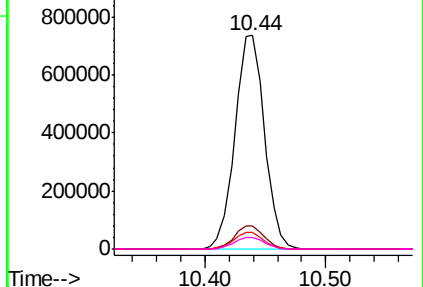


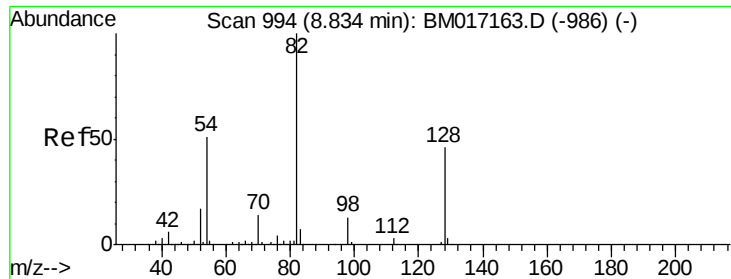
Abundance Ion 136.00 (135.70 to 136.70): BM017261.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM017261.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM017261.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM017261.D (-1252) (-)



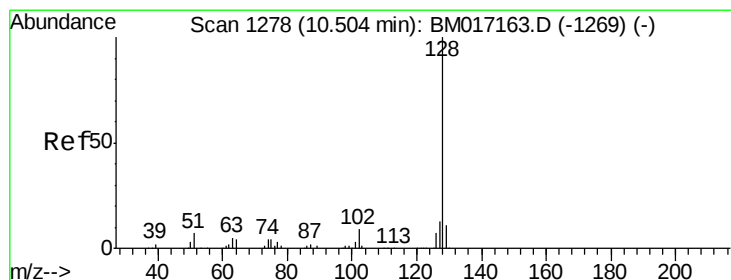
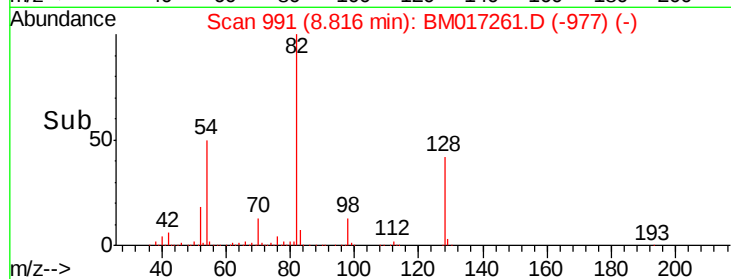
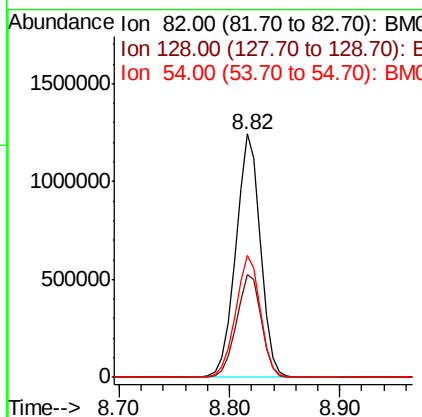
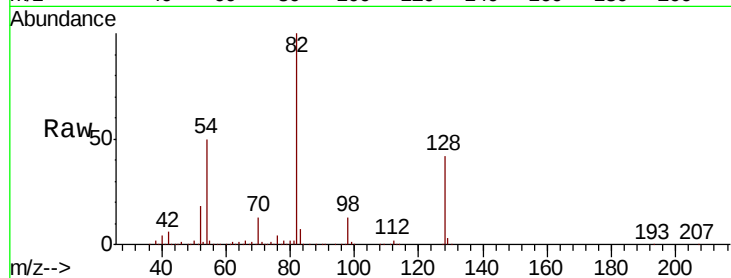


#23
 Nitrobenzene-d5
 Concen: 90.437 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BM017261.D
 Acq: 20 Oct 2018 12:38

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 1940280

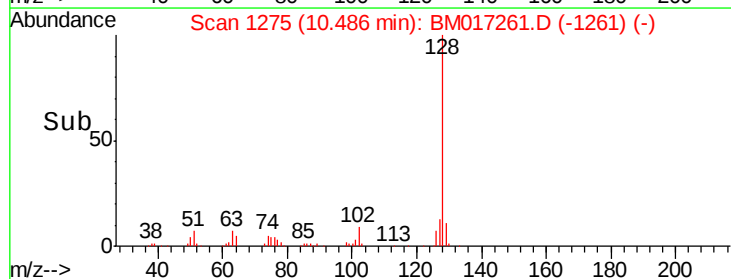
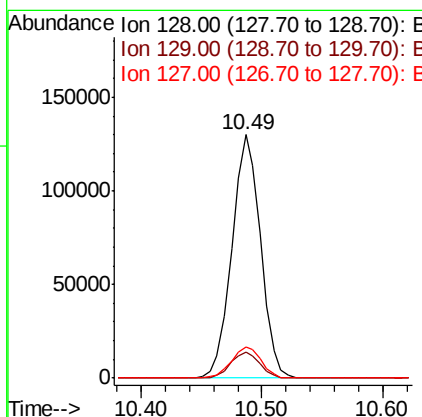
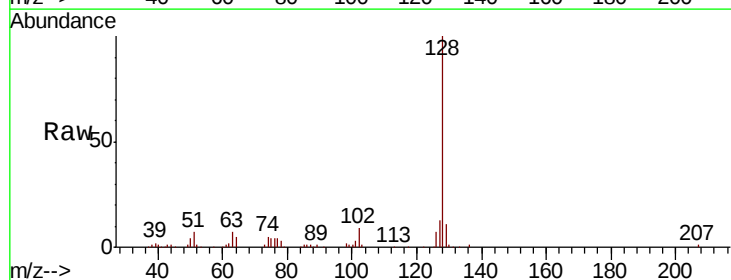
Ion	Ratio	Lower	Upper
82	100		
128	42.4	37.0	55.6
54	50.0	40.7	61.1

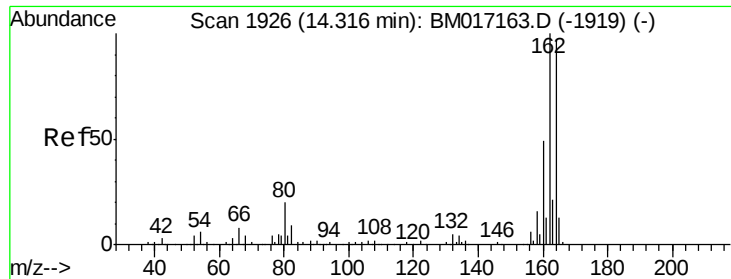


#31
 Naphthalene
 Concen: 3.476 ng
 RT: 10.49 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BM017261.D
 Acq: 20 Oct 2018 12:38

Tgt Ion: 128 Resp: 213728

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.5	12.7
127	12.9	10.3	15.5

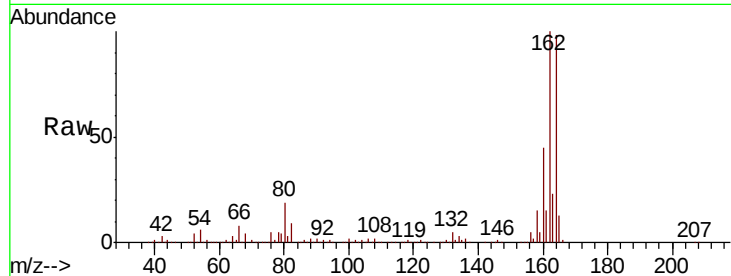




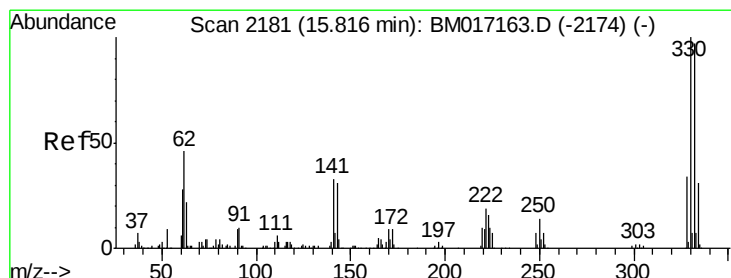
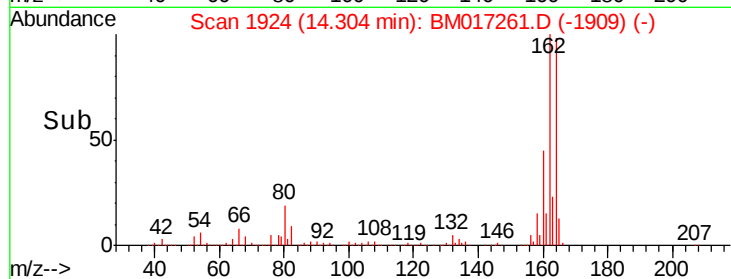
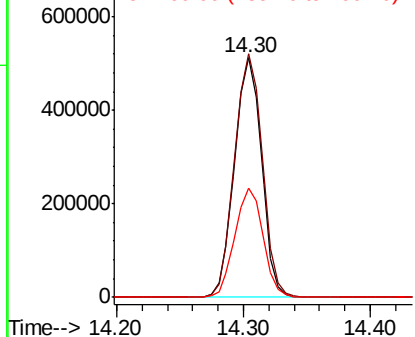
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017261.D
Acq: 20 Oct 2018 12:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 754483
Ion Ratio Lower Upper
164 100
162 101.8 82.1 123.1
160 45.7 40.2 60.2

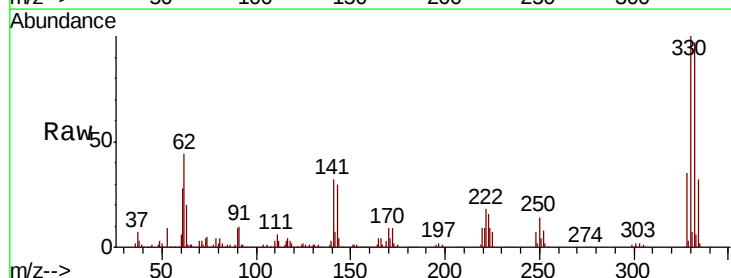


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

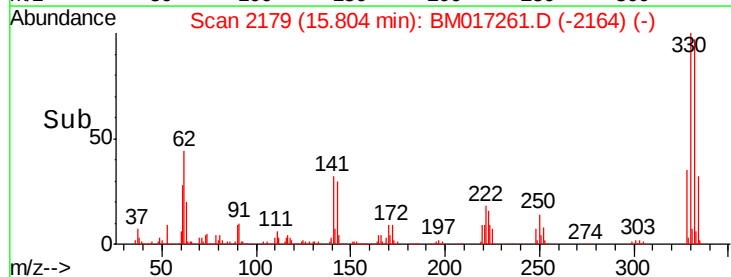
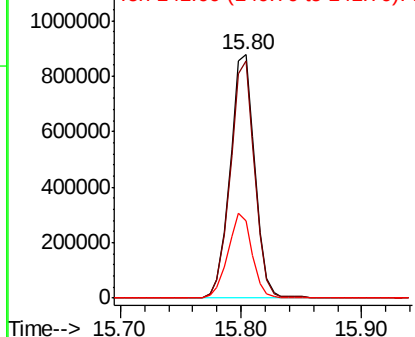


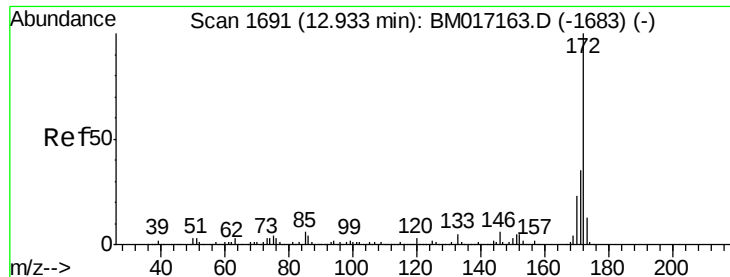
#42
2,4,6-Tribromophenol
Concen: 122.260 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM017261.D
Acq: 20 Oct 2018 12:38

Tgt Ion:330 Resp: 1247448
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 34.0 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

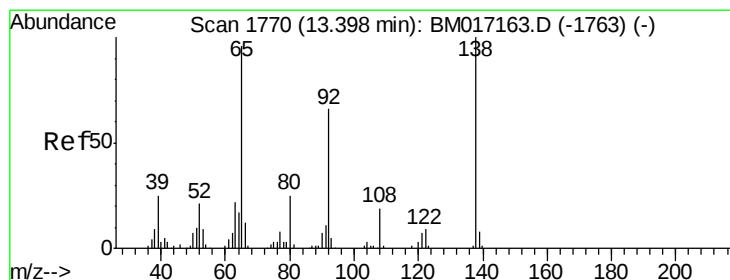
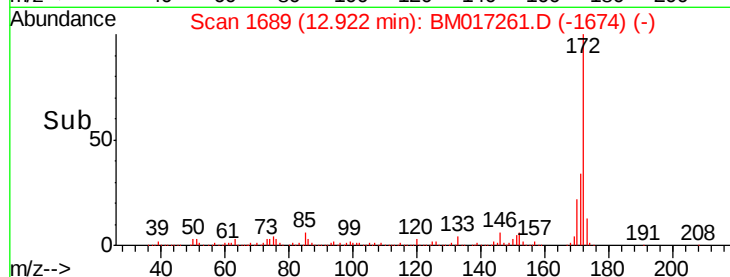
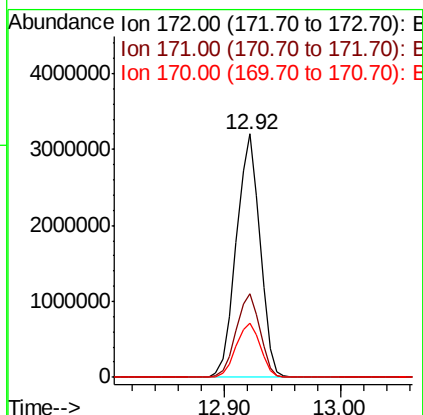
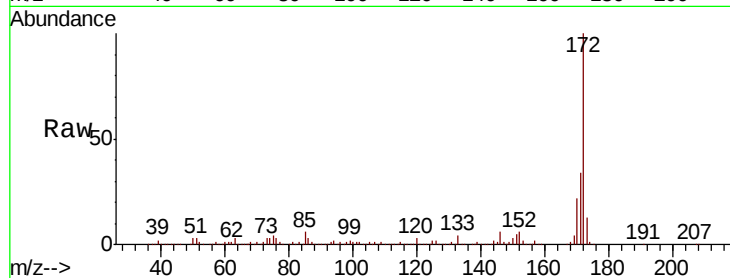




#45
2-Fluorobiphenyl
Concen: 80.104 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM017261.D
Acq: 20 Oct 2018 12:38

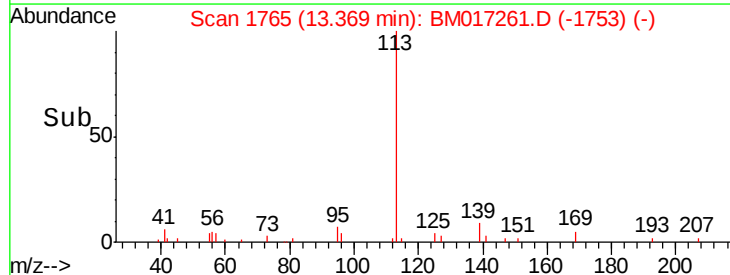
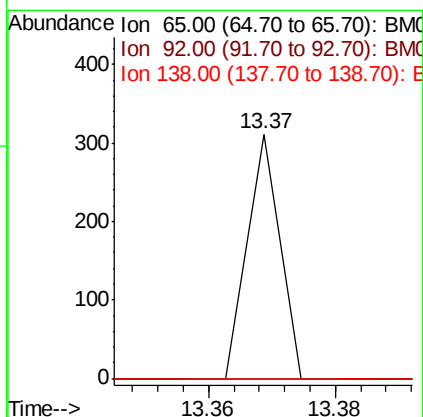
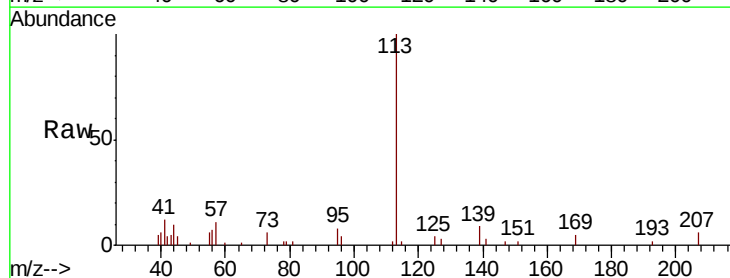
Instrument :
BNA_M
ClientSampleId :

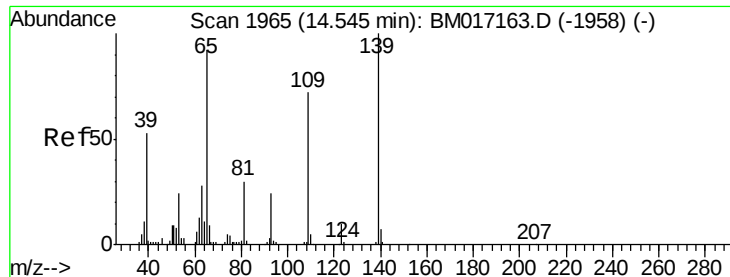
Tot Ion:172 Resp: 4542283
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 22.5 18.3 27.5



#48
2-Nitroaniline
Concen: 5.694 ng
RT: 13.37 min Scan# 1765
Delta R.T. -0.03 min
Lab File: BM017261.D
Acq: 20 Oct 2018 12:38

Tgt Ion: 65 Resp: 110
Ion Ratio Lower Upper
65 100
92 0.0 54.9 82.3#
138 0.0 83.7 125.5#

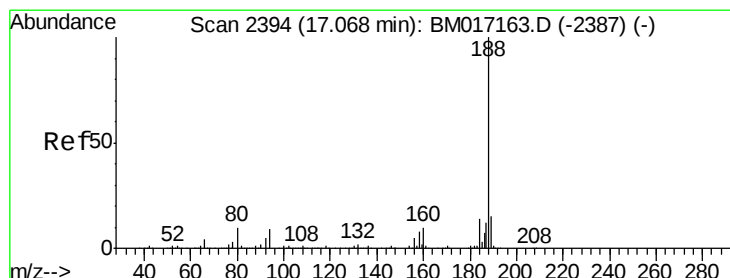
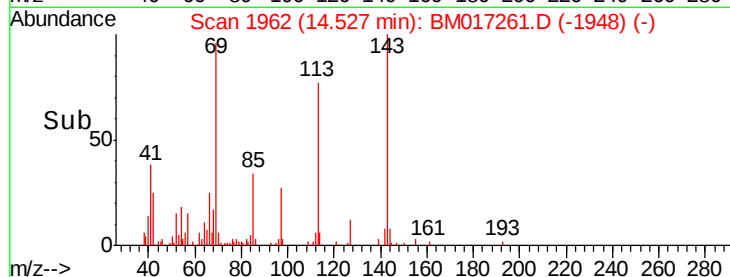
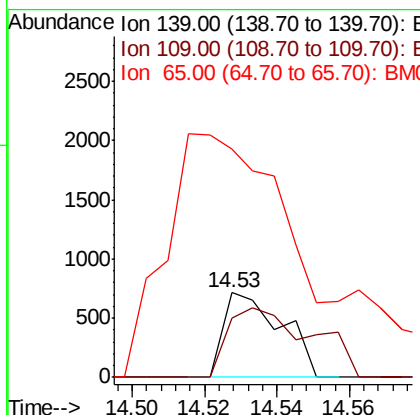
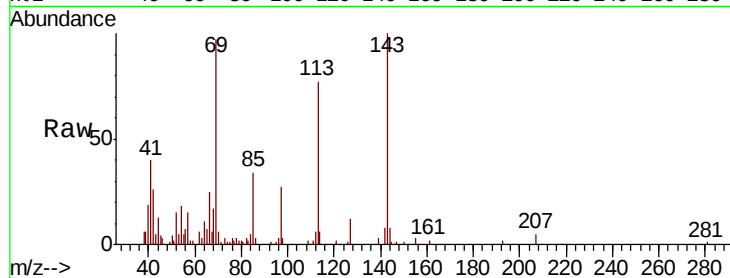




#56
4-Nitrophenol
Concen: 4.776 ng
RT: 14.53 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BM017261.D
Acq: 20 Oct 2018 12:38

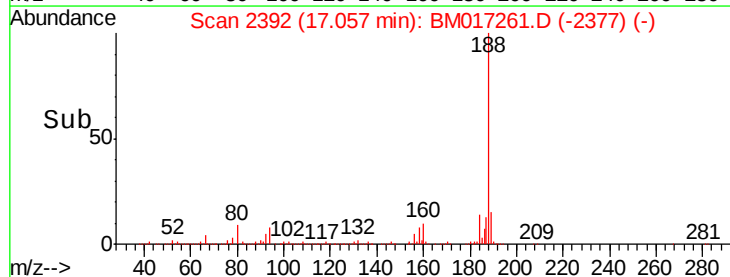
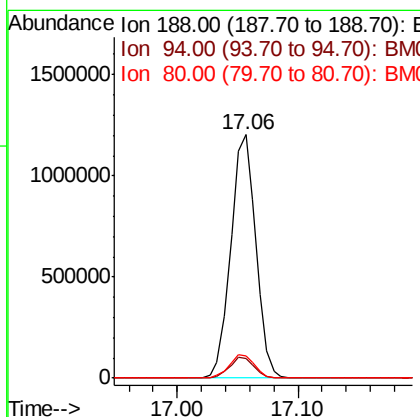
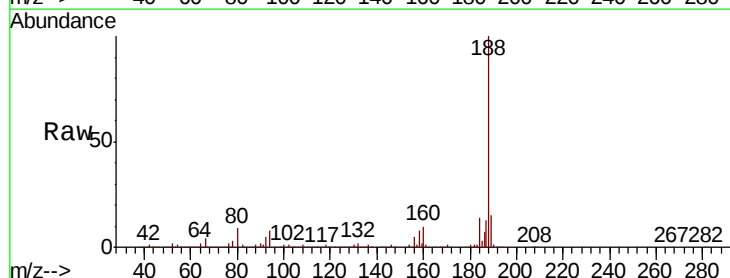
Instrument :
BNA_M
ClientSampled :

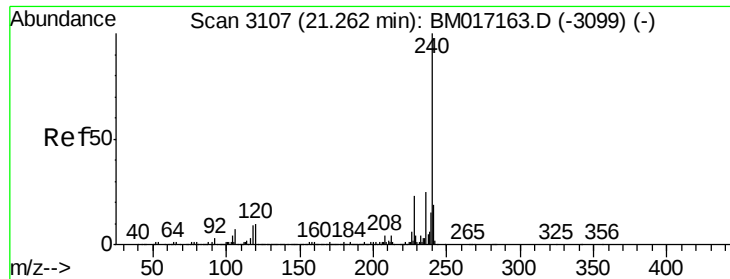
Tot Ion:139 Resp: 793
Ion Ratio Lower Upper
139 100
109 70.0 51.8 91.8
65 269.0 72.1 112.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017261.D
Acq: 20 Oct 2018 12:38

Tgt Ion:188 Resp: 1734633
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 9.3 7.7 11.5

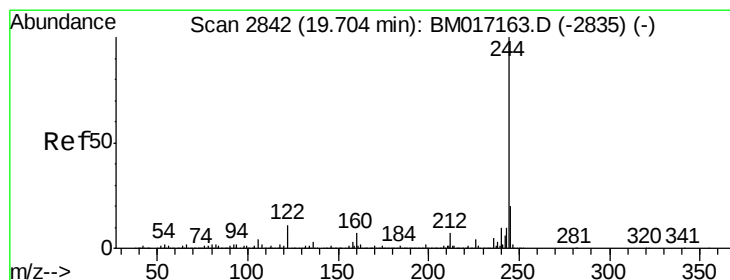
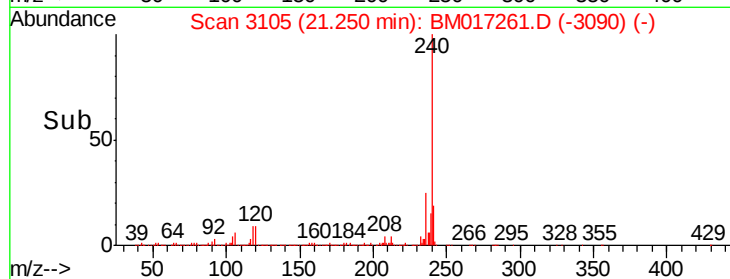
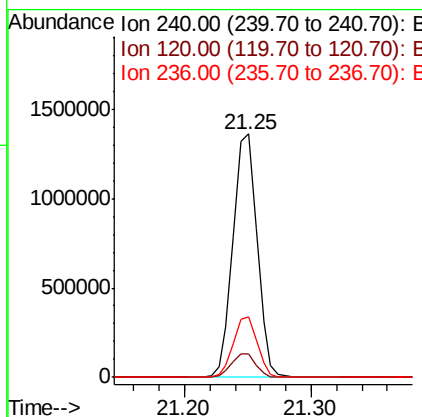
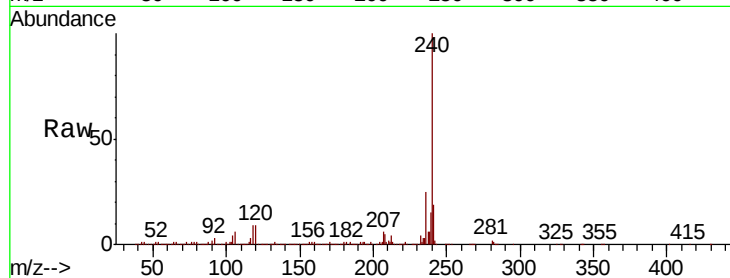




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017261.D
Acq: 20 Oct 2018 12:38

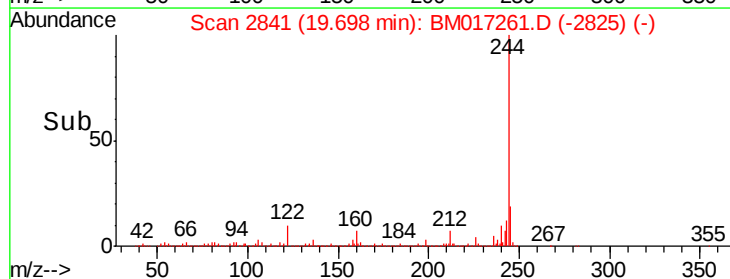
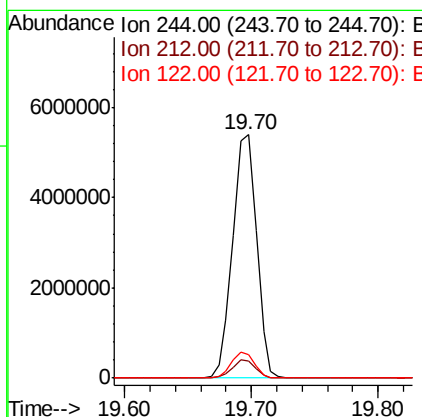
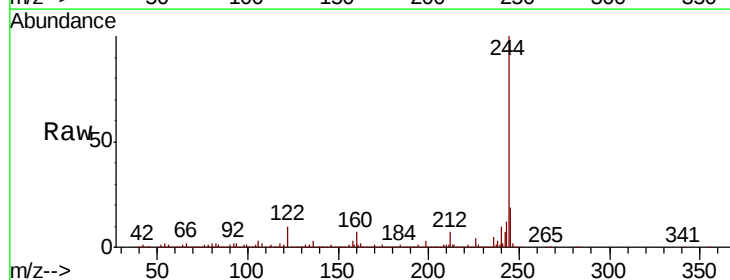
Instrument :
BNA_M
ClientSampleId :

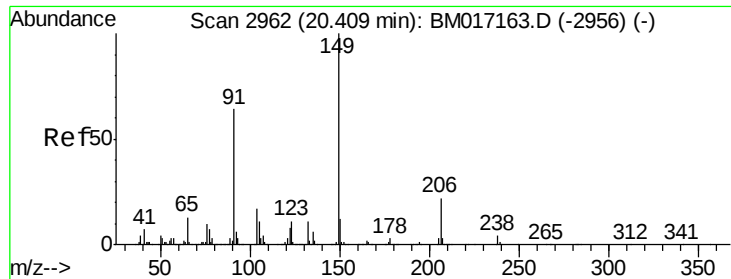
Tot Ion:240 Resp: 1788930
Ion Ratio Lower Upper
240 100
120 9.4 8.1 12.1
236 24.8 19.9 29.9



#79
Terphenyl-d14
Concen: 88.837 ng
RT: 19.70 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BM017261.D
Acq: 20 Oct 2018 12:38

Tgt Ion:244 Resp: 7050671
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 9.9 8.4 12.6

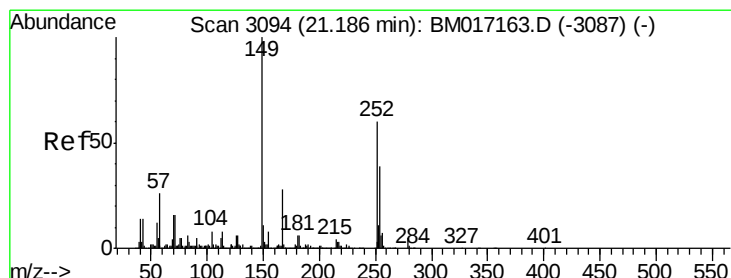
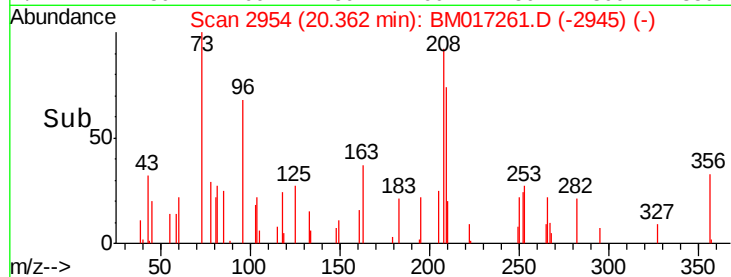
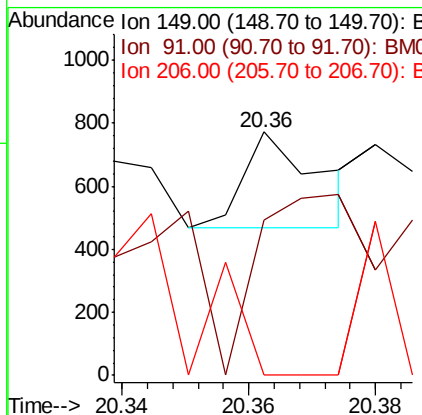
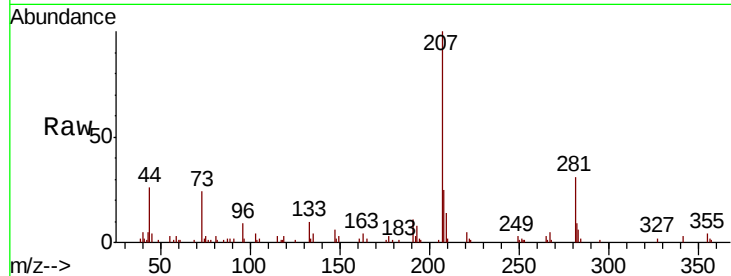




#80
 Butylbenzylphthalate
 Concen: 7.181 ng
 RT: 20.36 min Scan# 2954
 Delta R.T. -0.05 min
 Lab File: BM017261.D
 Acq: 20 Oct 2018 12:38

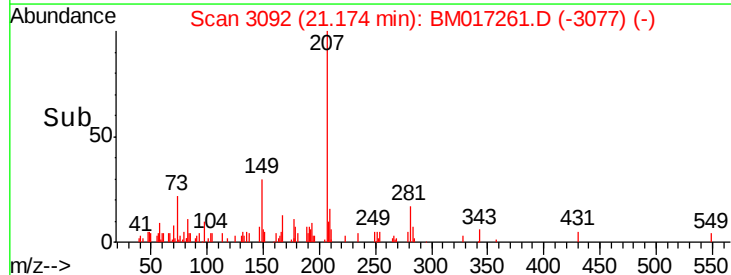
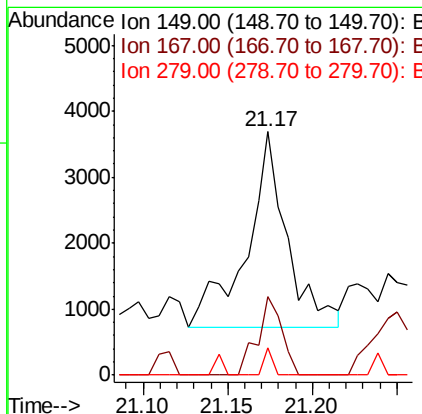
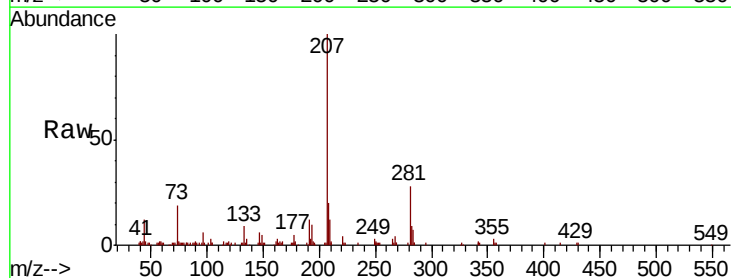
Instrument :
 BNA_M
 ClientSampled :

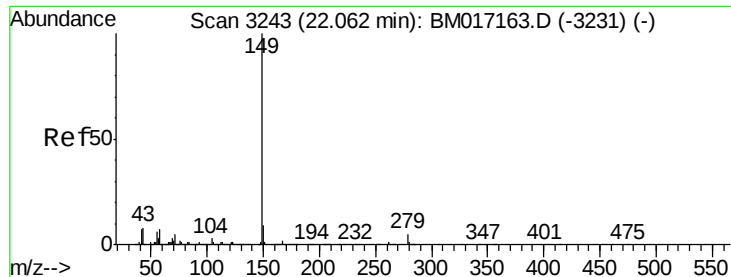
Tot Ion:149 Resp: 244
 Ion Ratio Lower Upper
 149 100
 91 64.0 51.3 76.9
 206 0.0 18.0 27.0#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.384 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017261.D
 Acq: 20 Oct 2018 12:38

Tgt Ion:149 Resp: 4964
 Ion Ratio Lower Upper
 149 100
 167 32.4 22.2 33.4
 279 11.3 3.6 5.4#

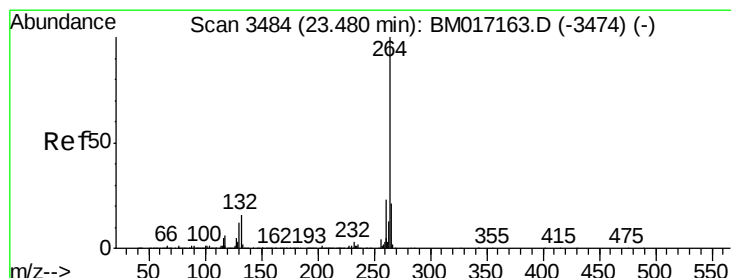
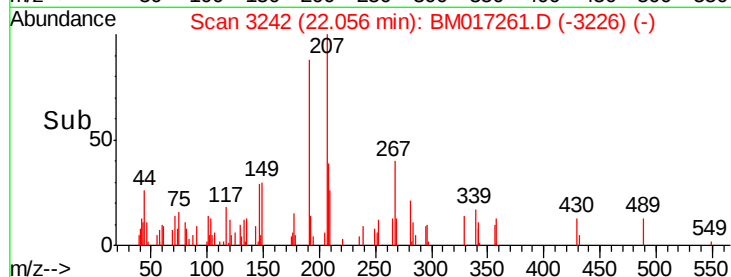
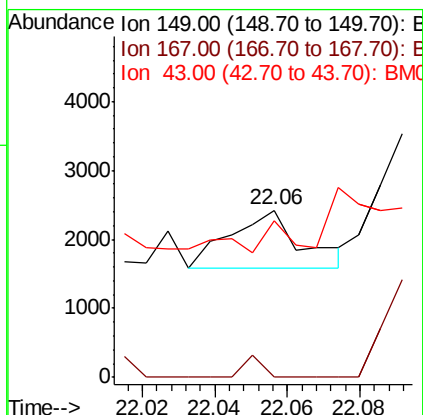
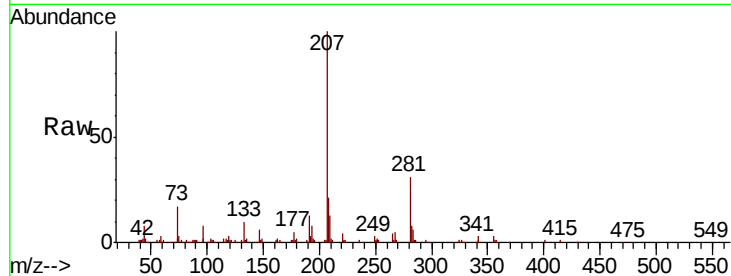




#85
Di-n-octyl phthalate
Concen: 5.582 ng
RT: 22.06 min Scan# 3242
Delta R.T. -0.01 min
Lab File: BM017261.D
Acq: 20 Oct 2018 12:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 1146
Ion Ratio Lower Upper
149 100
167 10.1 1.4 2.0#
43 0.0 7.2 10.8#



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017261.D
Acq: 20 Oct 2018 12:38

Tgt Ion:264 Resp: 1604136
Ion Ratio Lower Upper
264 100
260 22.2 18.6 27.8
265 21.4 17.8 26.8

