

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102318\
 Data File : BM017290.D
 Acq On : 23 Oct 2018 18:25
 Operator : MJ/SJ
 Sample : J5604-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 24 06:56:49 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	264616	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1027095	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	604732	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1469972	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1683431	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1494055	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	1664009	106.36	ng	0.00
7) Phenol-d6	6.85	99	2011182	94.39	ng	-0.01
23) Nitrobenzene-d5	8.81	82	1455602	82.89	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1111929	135.96	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	3399483	74.80	ng	-0.02
79) Terphenyl-d14	19.69	244	6094992	81.61	ng	-0.01

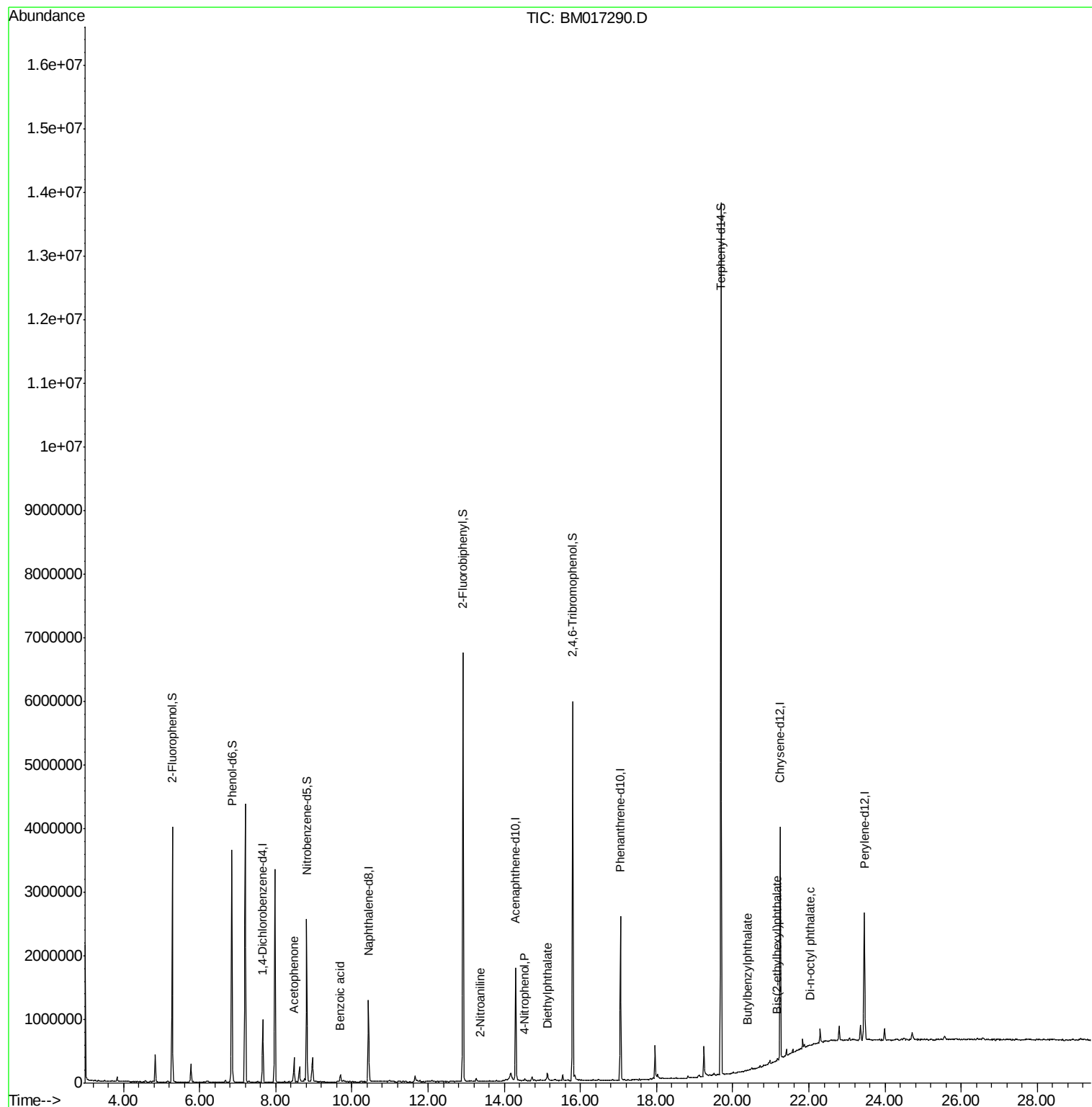
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
22) Acetophenone	8.47	105	206334	7.925	ng	# 99
32) Benzoic acid	9.70	122	44603	4.662	ng	# 98
48) 2-Nitroaniline	13.38	65	115	5.696	ng	# 5
56) 4-Nitrophenol	14.53	139	110	4.727	ng	# 1
60) Diethylphthalate	15.13	149	95980	2.074	ng	# 99
80) Butylbenzylphthalate	20.39	149	1911	7.221	ng	# 65
84) Bis(2-ethylhexyl)phthalate	21.17	149	13884	5.533	ng	# 97
85) Di-n-octyl phthalate	22.04	149	2315	5.594	ng	# 1

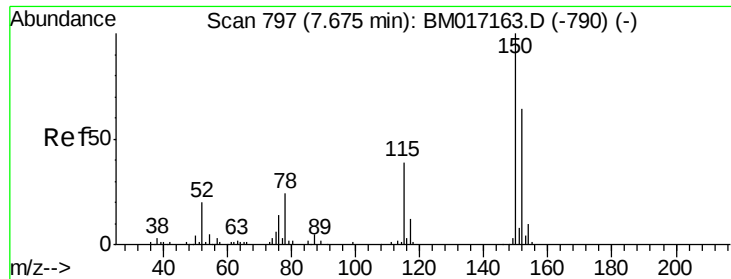
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102318\
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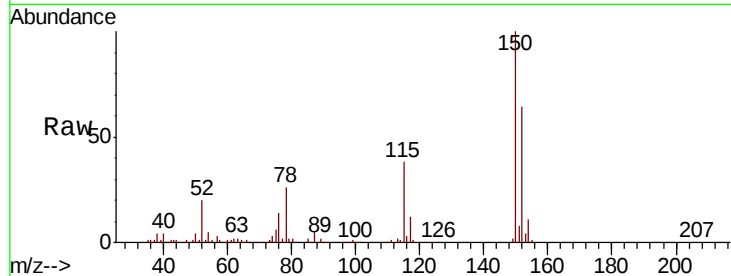


#1

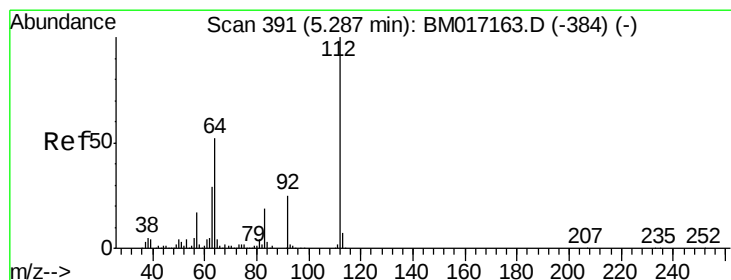
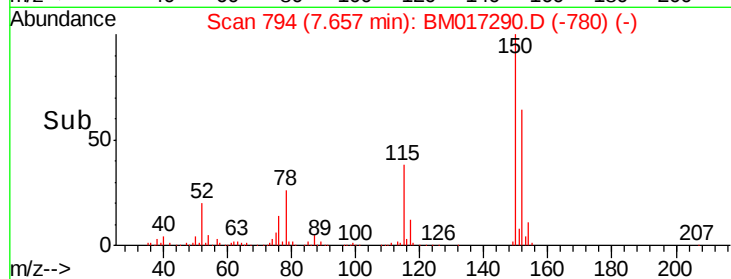
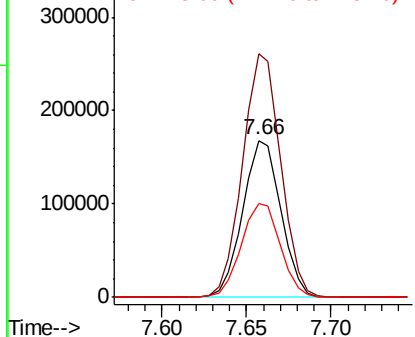
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM017290.D
Acq: 23 Oct 2018 18:25

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 264616
Ion Ratio Lower Upper
152 100
150 155.2 124.3 186.5
115 59.4 48.1 72.1



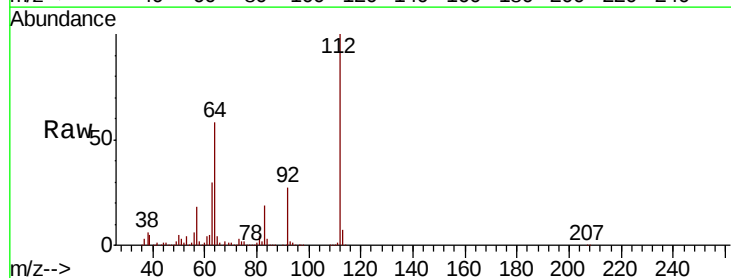
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



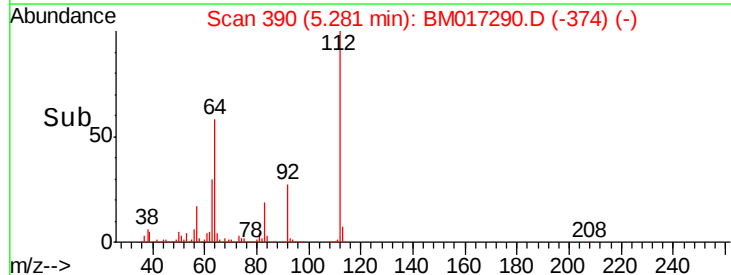
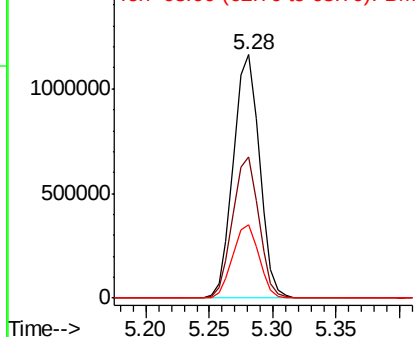
#5

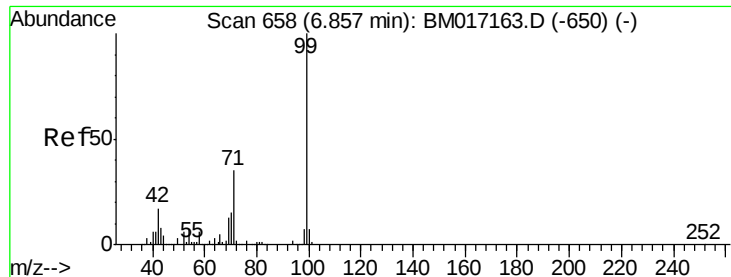
2-Fluorophenol
Concen: 106.358 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017290.D
Acq: 23 Oct 2018 18:25

Tgt Ion:112 Resp: 1664009
Ion Ratio Lower Upper
112 100
64 58.0 41.7 62.5
63 30.2 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: 94.386 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017290.D

Acq: 23 Oct 2018 18:25

Instrument :

BNA_M

ClientSampleId :

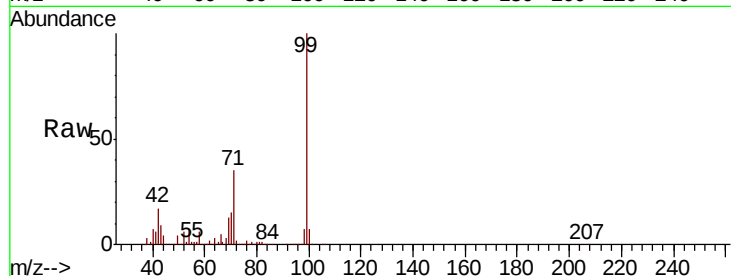
Tot Ion: 99 Resp: 2011182

Ion Ratio Lower Upper

99 100

42 17.5 13.3 19.9

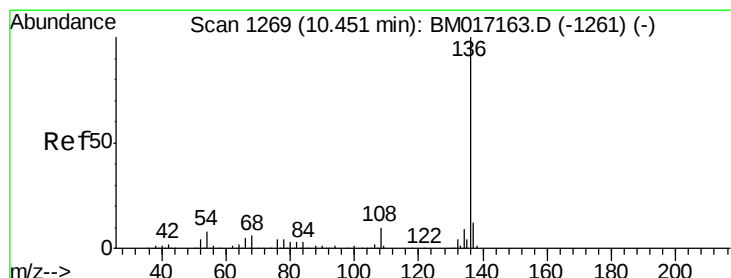
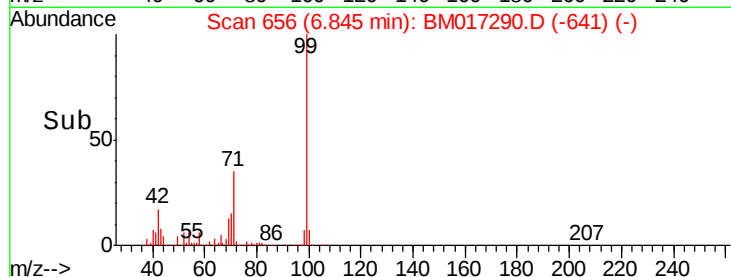
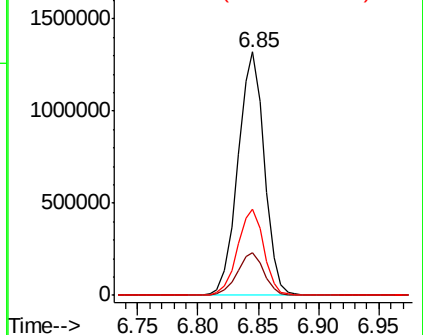
71 35.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM017290.D

Acq: 23 Oct 2018 18:25

Tgt Ion: 136 Resp: 1027095

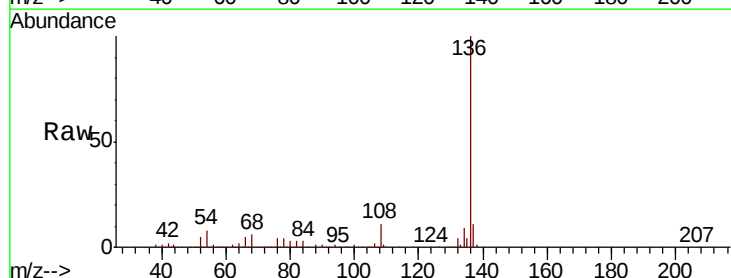
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 8.1 6.7 10.1

68 5.8 4.7 7.1

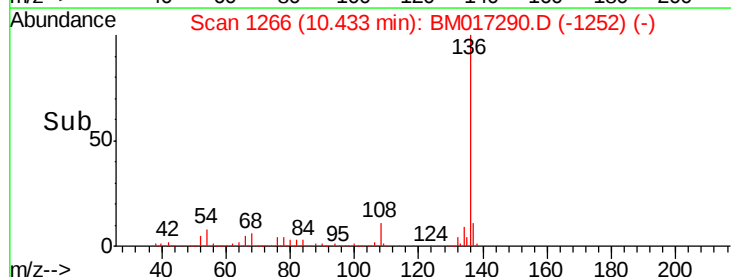
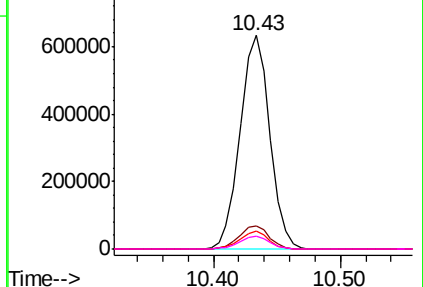


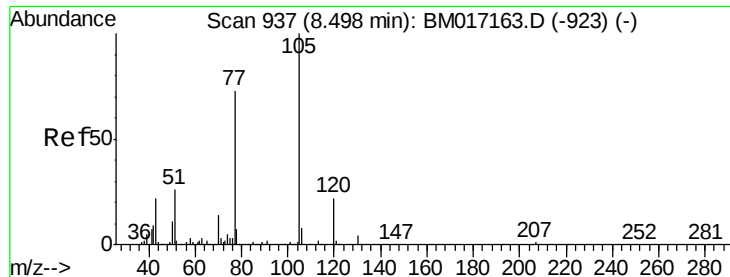
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1261) (-)

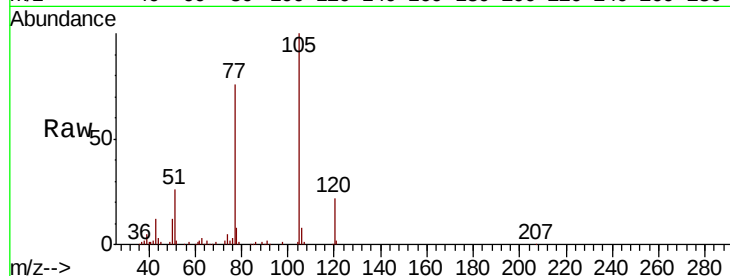




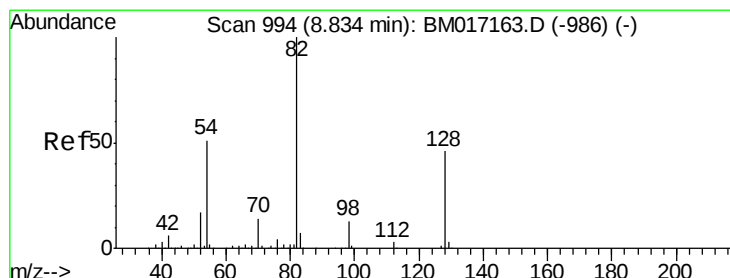
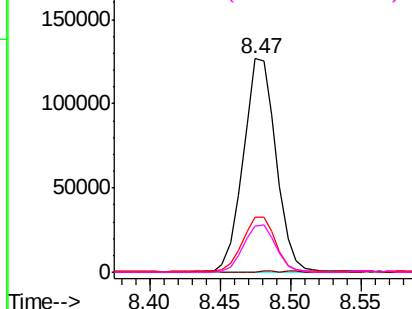
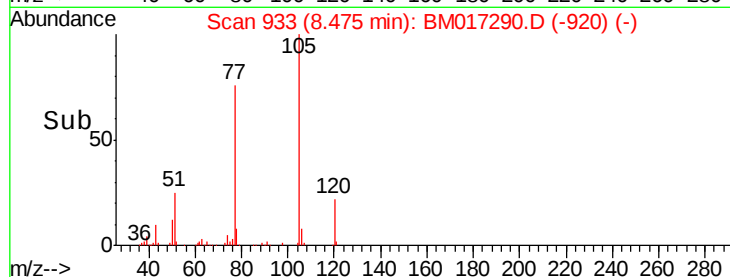
#22
Acetophenone
Concen: 7.925 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.02 min
Lab File: BM017290.D
Acq: 23 Oct 2018 18:25

Instrument :
BNA_M
ClientSampleId :

Tot Ion:105 Resp: 206334
Ion Ratio Lower Upper
105 100
71 0.0 2.0 3.0#
51 26.0 20.6 31.0
120 21.5 17.5 26.3

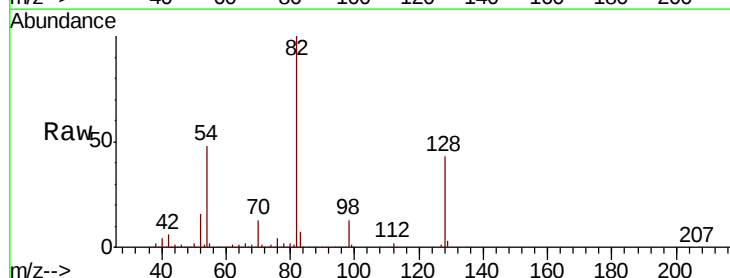


Abundance Ion 105.00 (104.70 to 105.70): E
200000
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E

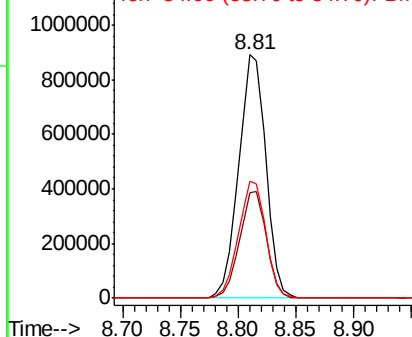
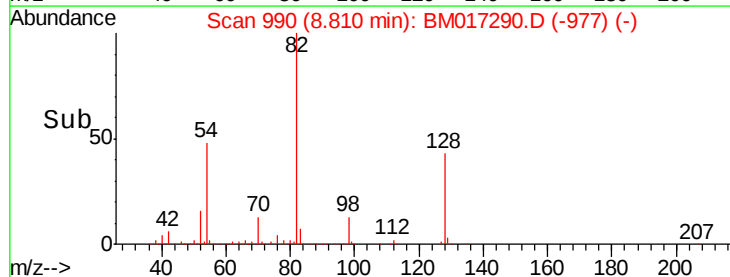


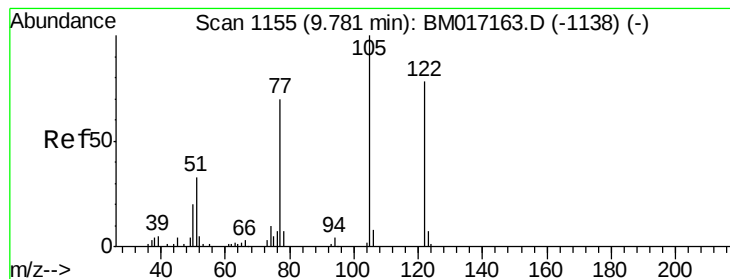
#23
Nitrobenzene-d5
Concen: 82.886 ng
RT: 8.81 min Scan# 990
Delta R.T. -0.02 min
Lab File: BM017290.D
Acq: 23 Oct 2018 18:25

Tgt Ion: 82 Resp: 1455602
Ion Ratio Lower Upper
82 100
128 43.4 37.0 55.6
54 48.0 40.7 61.1



Abundance Ion 82.00 (81.70 to 82.70): BM
1200000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#32

Benzoic acid

Concen: 4.662 ng

RT: 9.70 min Scan# 1141

Delta R.T. -0.08 min

Lab File: BM017290.D

Acq: 23 Oct 2018 18:25

Instrument :

BNA_M

ClientSampleId :

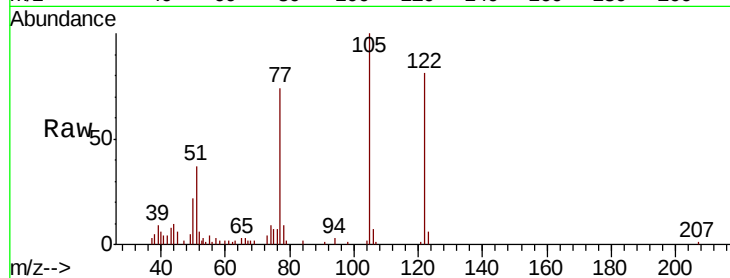
Tot Ion:122 Resp: 44603

Ion Ratio Lower Upper

122 100

105 122.9 102.0 142.0

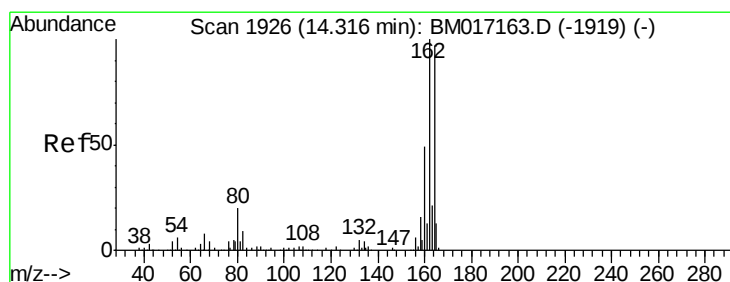
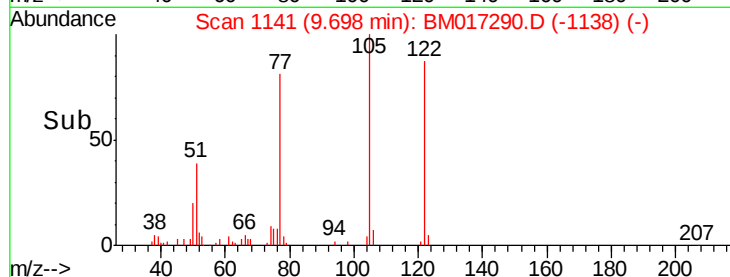
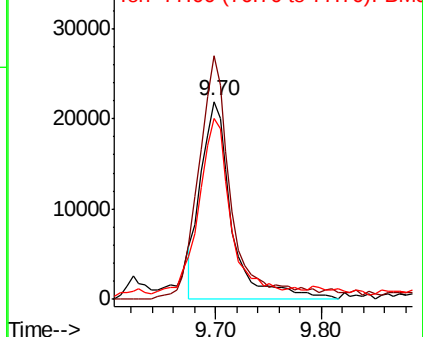
77 91.4 67.7 107.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1923

Delta R.T. -0.02 min

Lab File: BM017290.D

Acq: 23 Oct 2018 18:25

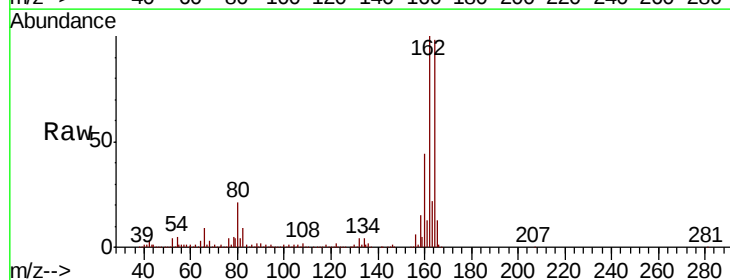
Tgt Ion:164 Resp: 604732

Ion Ratio Lower Upper

164 100

162 102.1 82.1 123.1

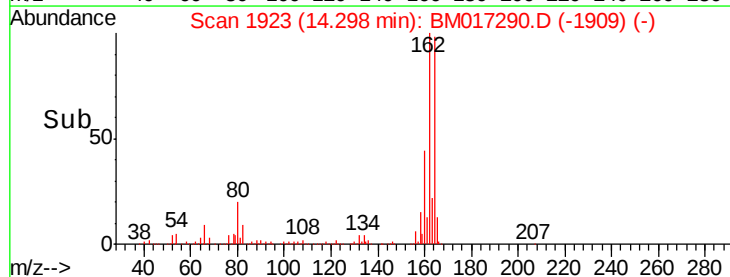
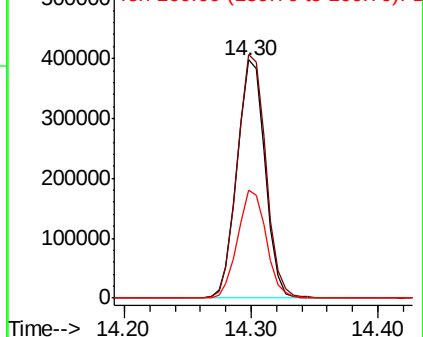
160 45.1 40.2 60.2

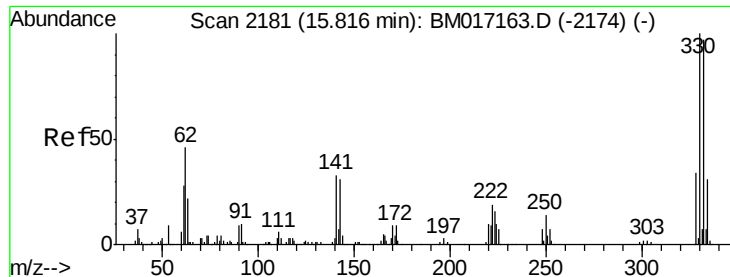


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

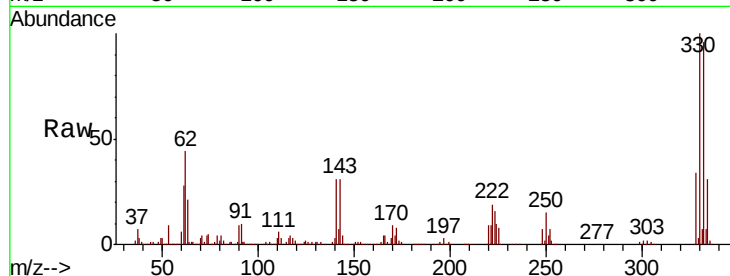




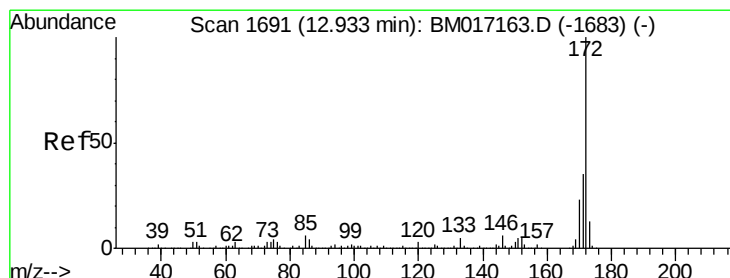
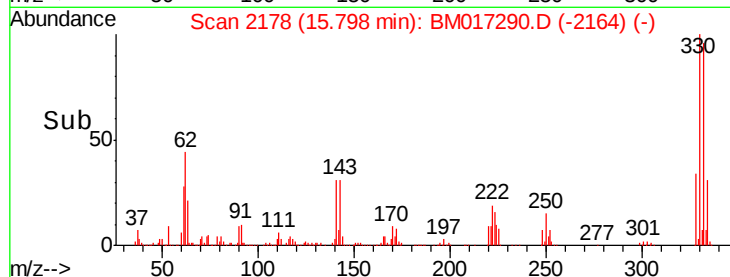
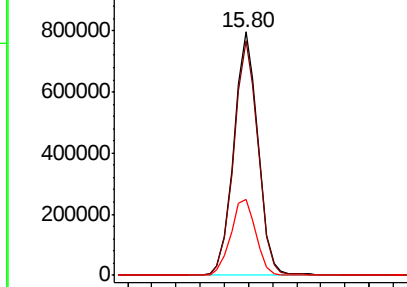
#42
 2,4,6-Tribromophenol
 Concen: 135.964 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BM017290.D
 Acq: 23 Oct 2018 18:25

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 1111929
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 32.7 27.4 41.0

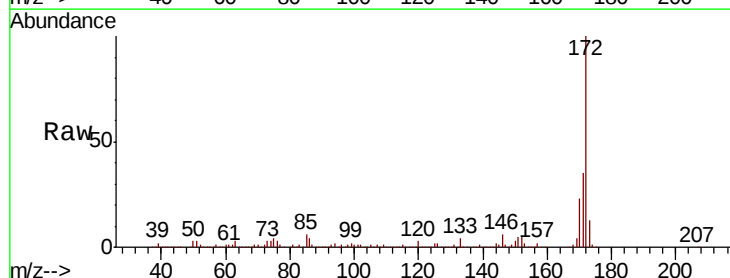


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

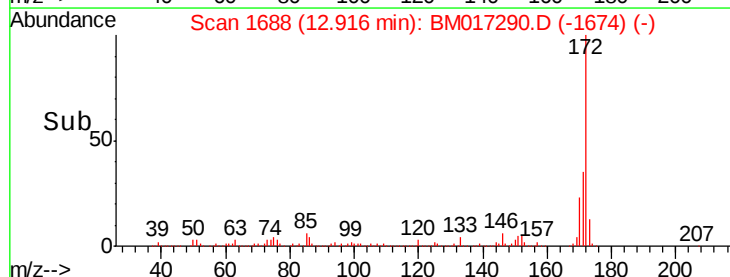
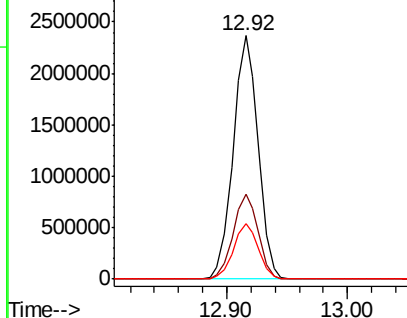


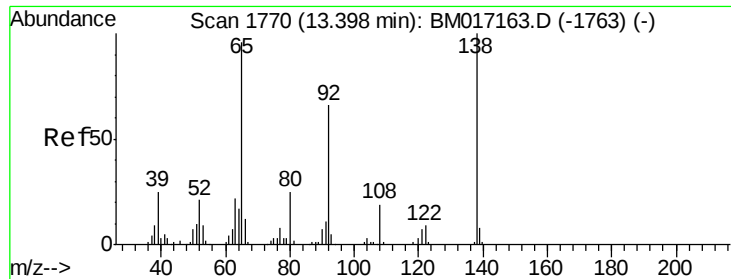
#45
 2-Fluorobiphenyl
 Concen: 74.796 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM017290.D
 Acq: 23 Oct 2018 18:25

Tgt Ion:172 Resp: 3399483
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.3 42.5
 170 22.8 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

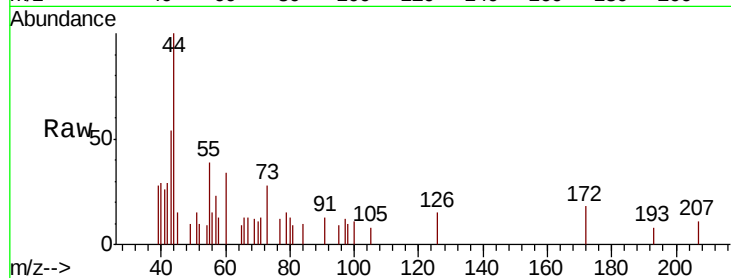




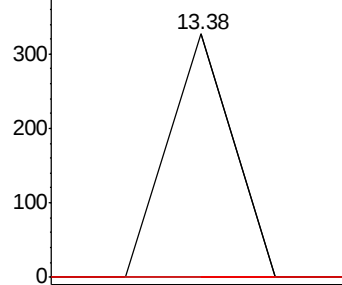
#48
2-Nitroaniline
Concen: 5.696 ng
RT: 13.38 min Scan# 1767
Delta R.T. -0.02 min
Lab File: BM017290.D
Acq: 23 Oct 2018 18:25

Instrument :
BNA_M
ClientSampleId :

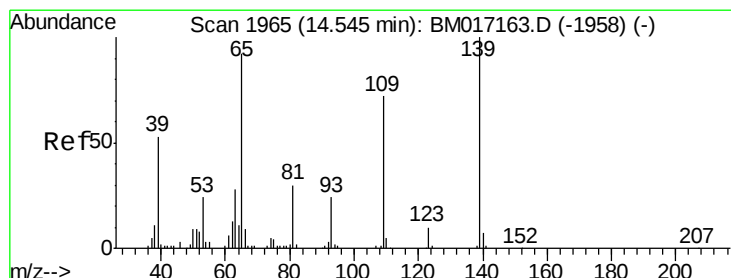
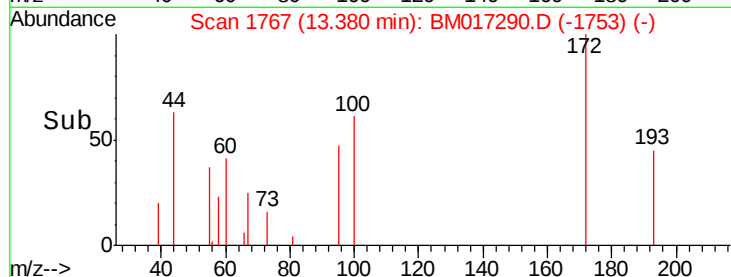
Tot Ion: 65 Resp: 115
Ion Ratio Lower Upper
65 100
92 0.0 54.9 82.3#
138 0.0 83.7 125.5#



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E

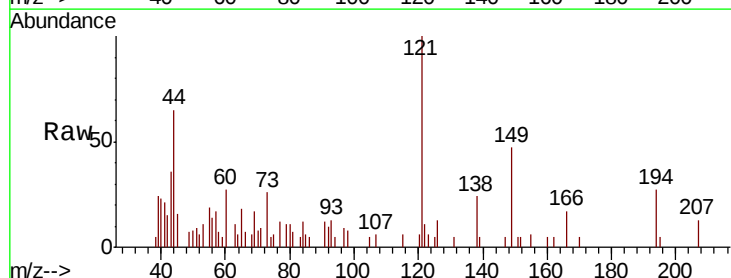


Time--> 13.37 13.38

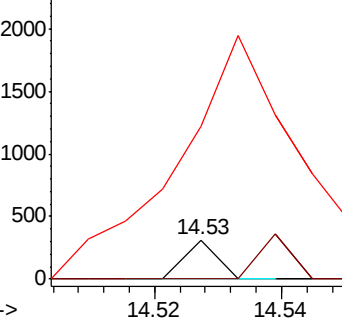


#56
4-Nitrophenol
Concen: 4.727 ng
RT: 14.53 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BM017290.D
Acq: 23 Oct 2018 18:25

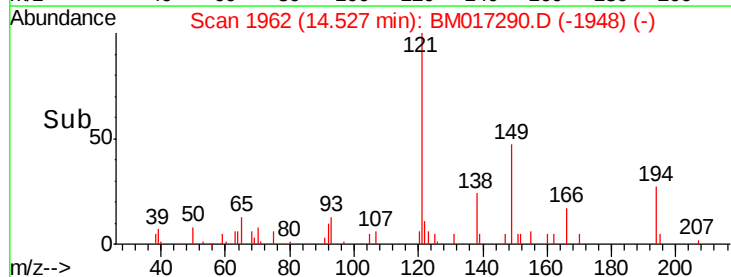
Tgt Ion: 139 Resp: 110
Ion Ratio Lower Upper
139 100
109 0.0 51.8 91.8#
65 390.7 72.1 112.1#

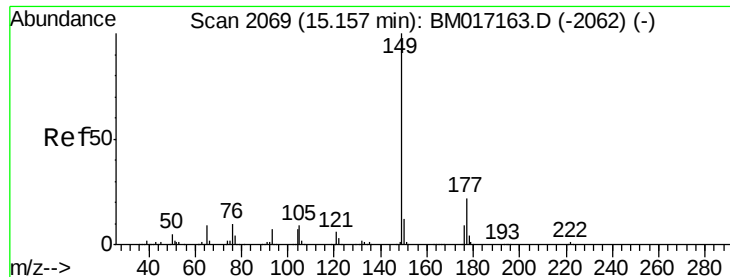


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0



Time--> 14.52 14.54





#60

Diethylphthalate

Concen: 2.074 ng

RT: 15.13 min Scan# 2065

Delta R.T. -0.02 min

Lab File: BM017290.D

Acq: 23 Oct 2018 18:25

Instrument :

BNA_M

ClientSampleId :

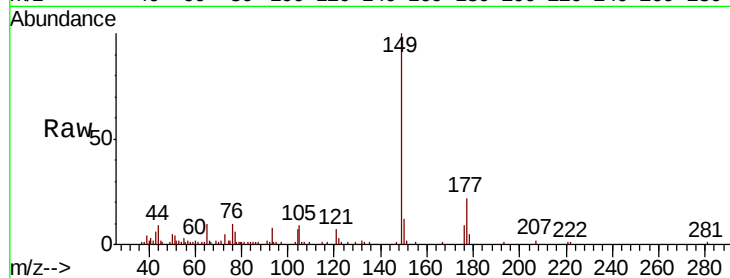
Tot Ion:149 Resp: 95980

Ion Ratio Lower Upper

149 100

177 22.3 17.7 26.5

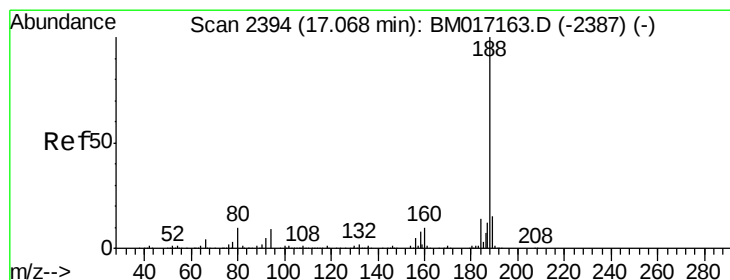
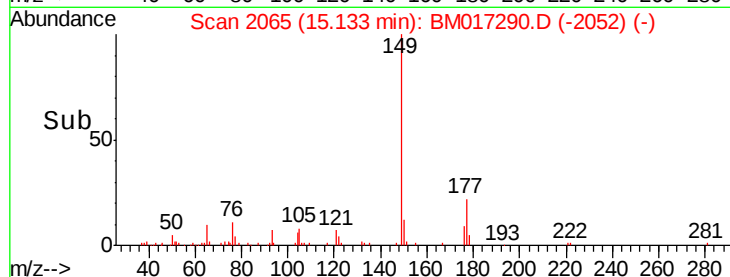
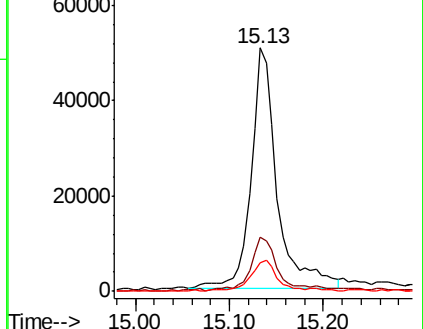
150 11.7 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BM017290.D

Acq: 23 Oct 2018 18:25

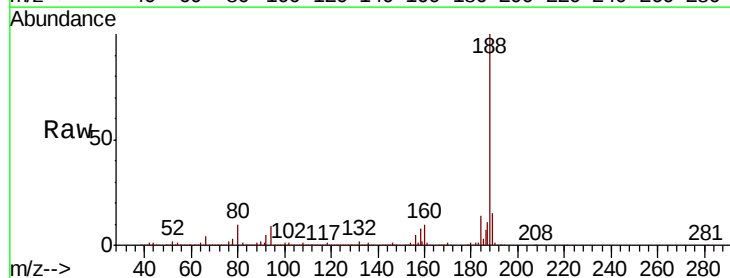
Tgt Ion:188 Resp: 1469972

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

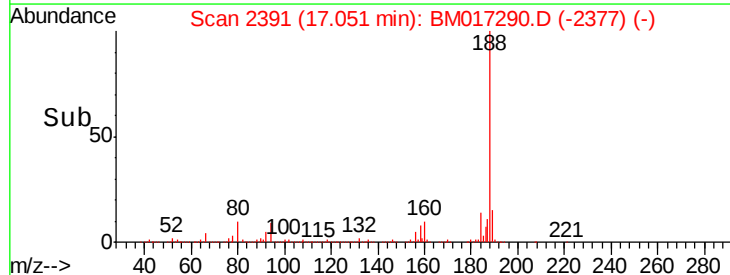
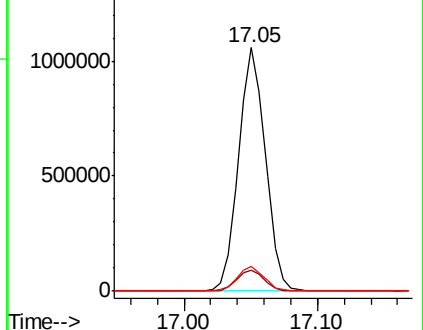
80 10.1 7.7 11.5

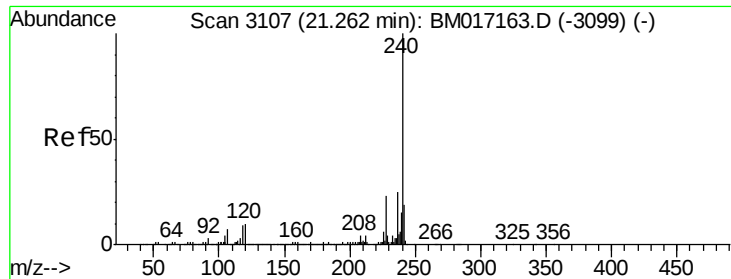


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.24 min Scan# 3104

Delta R.T. -0.02 min

Lab File: BM017290.D

Acq: 23 Oct 2018 18:25

Instrument :

BNA_M

ClientSampleId :

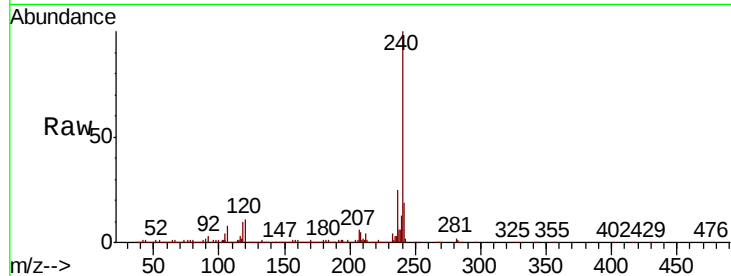
Tot Ion:240 Resp: 1683431

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

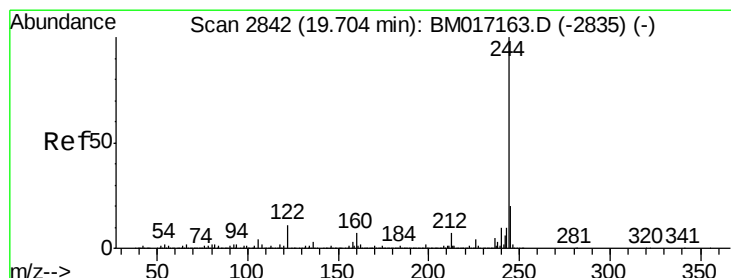
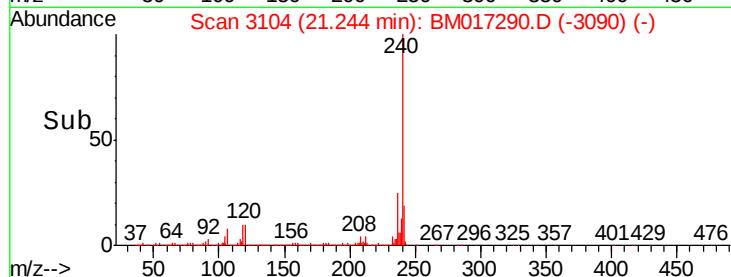
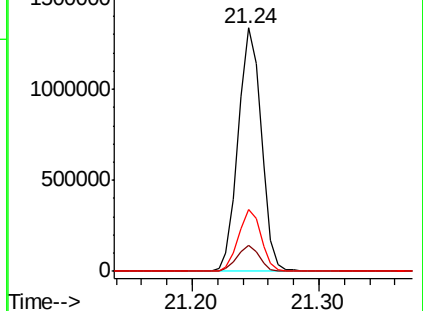
236 25.2 19.9 29.9



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: 81.608 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017290.D

Acq: 23 Oct 2018 18:25

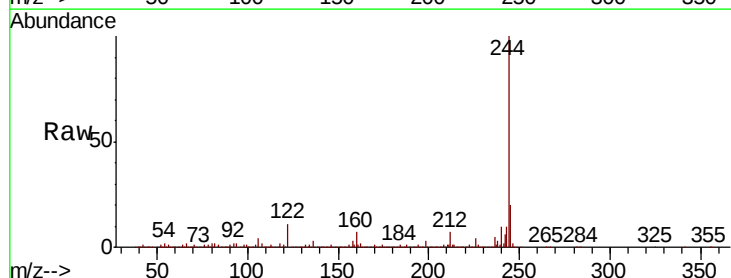
Tgt Ion:244 Resp: 6094992

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

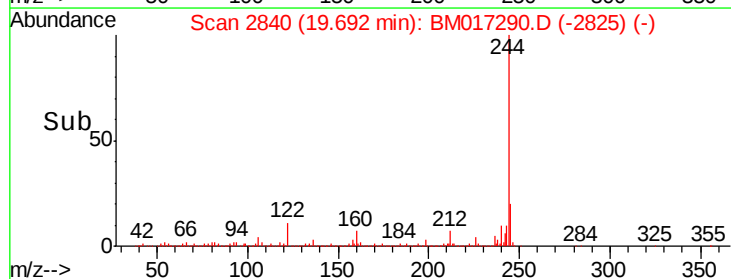
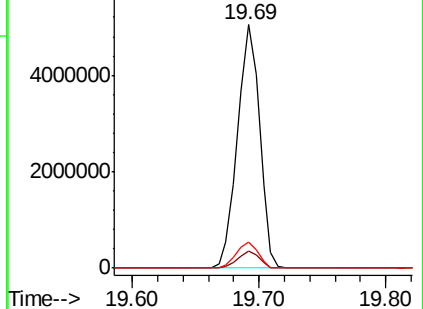
122 10.7 8.4 12.6

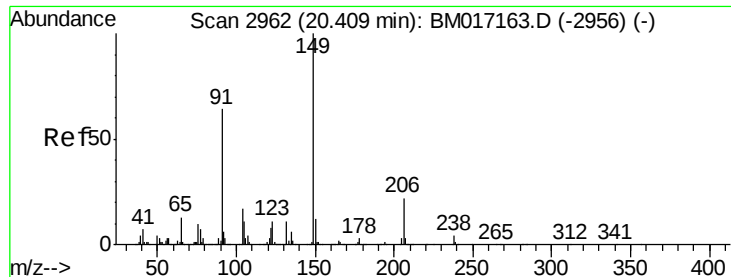


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

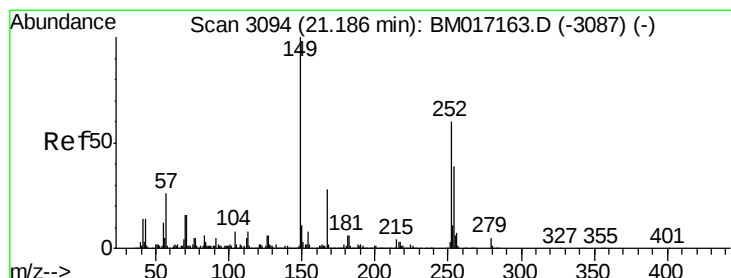
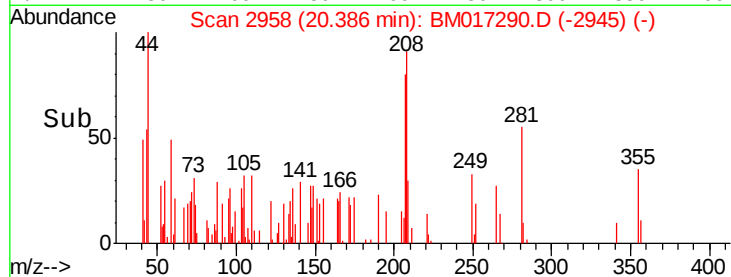
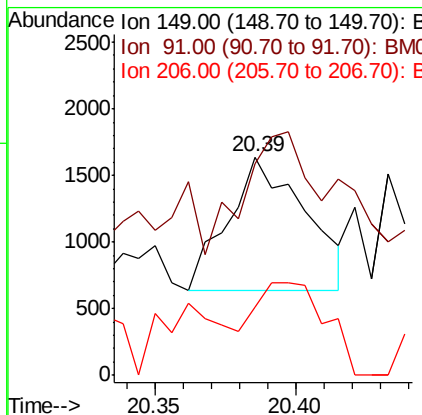
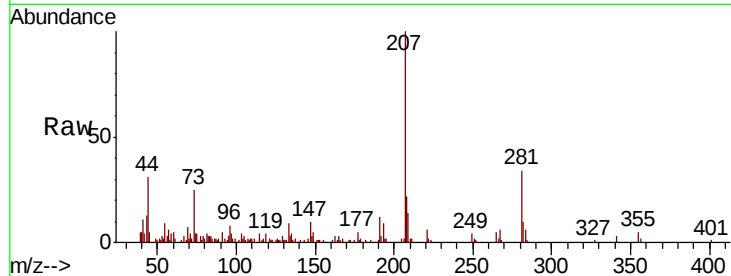




#80
 Butylbenzylphthalate
 Concen: 7.221 ng
 RT: 20.39 min Scan# 2958
 Delta R.T. -0.02 min
 Lab File: BM017290.D
 Acq: 23 Oct 2018 18:25

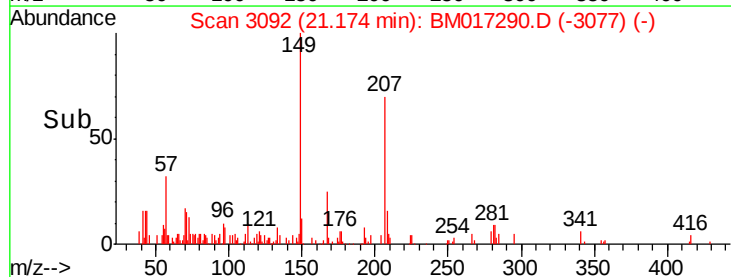
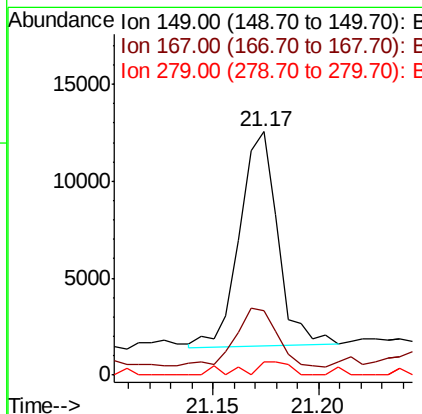
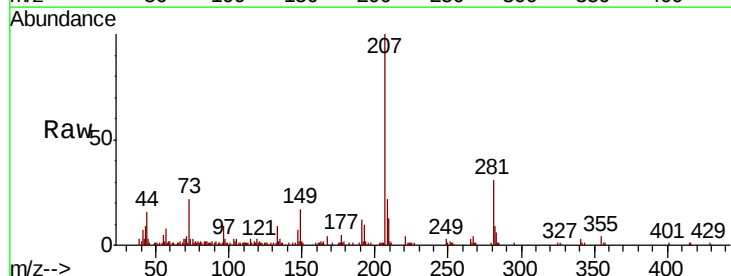
Instrument :
 BNA_M
 ClientSampled :

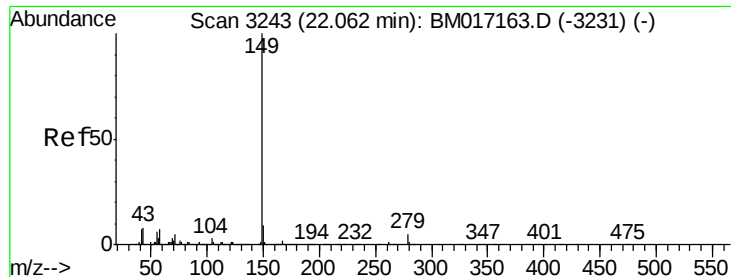
Tot Ion:149 Resp: 1911
 Ion Ratio Lower Upper
 149 100
 91 96.8 51.3 76.9#
 206 31.0 18.0 27.0#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.533 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017290.D
 Acq: 23 Oct 2018 18:25

Tgt Ion:149 Resp: 13884
 Ion Ratio Lower Upper
 149 100
 167 26.4 22.2 33.4
 279 5.5 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 5.594 ng

RT: 22.04 min Scan# 3239

Delta R.T. -0.02 min

Lab File: BM017290.D

Acq: 23 Oct 2018 18:25

Instrument :

BNA_M

ClientSampled :

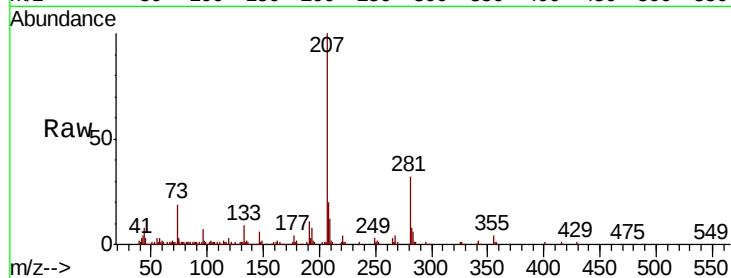
Tot Ion:149 Resp: 2315

Ion Ratio Lower Upper

149 100

167 13.9 1.4 2.0#

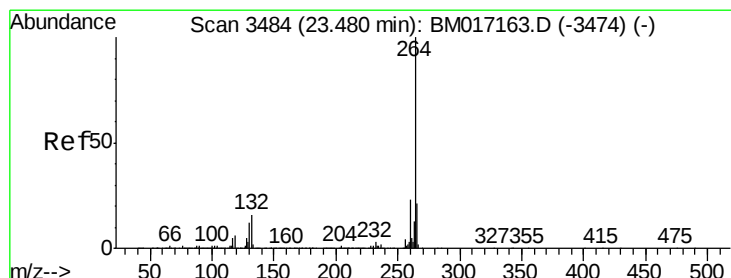
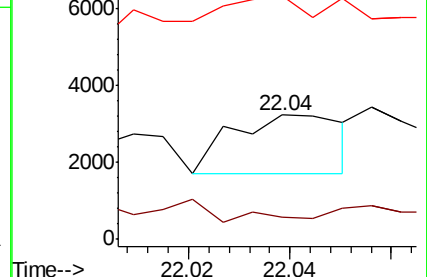
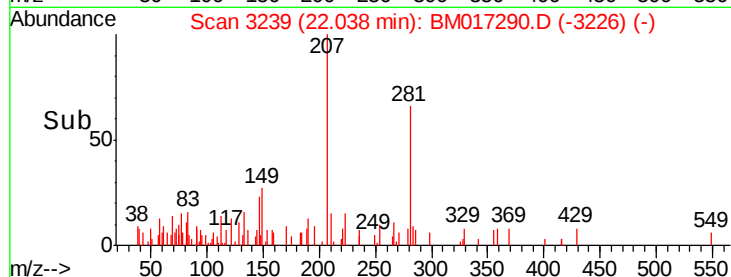
43 111.3 7.2 10.8#



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

Perylene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3480

Delta R.T. -0.02 min

Lab File: BM017290.D

Acq: 23 Oct 2018 18:25

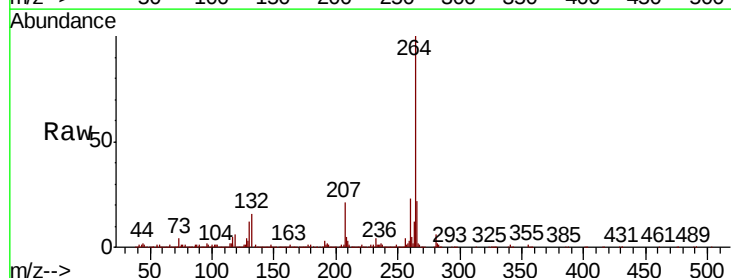
Tgt Ion:264 Resp: 1494055

Ion Ratio Lower Upper

264 100

260 22.5 18.6 27.8

265 21.8 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

