

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
 Data File : BM017359.D
 Acq On : 26 Oct 2018 21:46
 Operator : MJ/SJ
 Sample : J5651-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 27 01:50:17 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

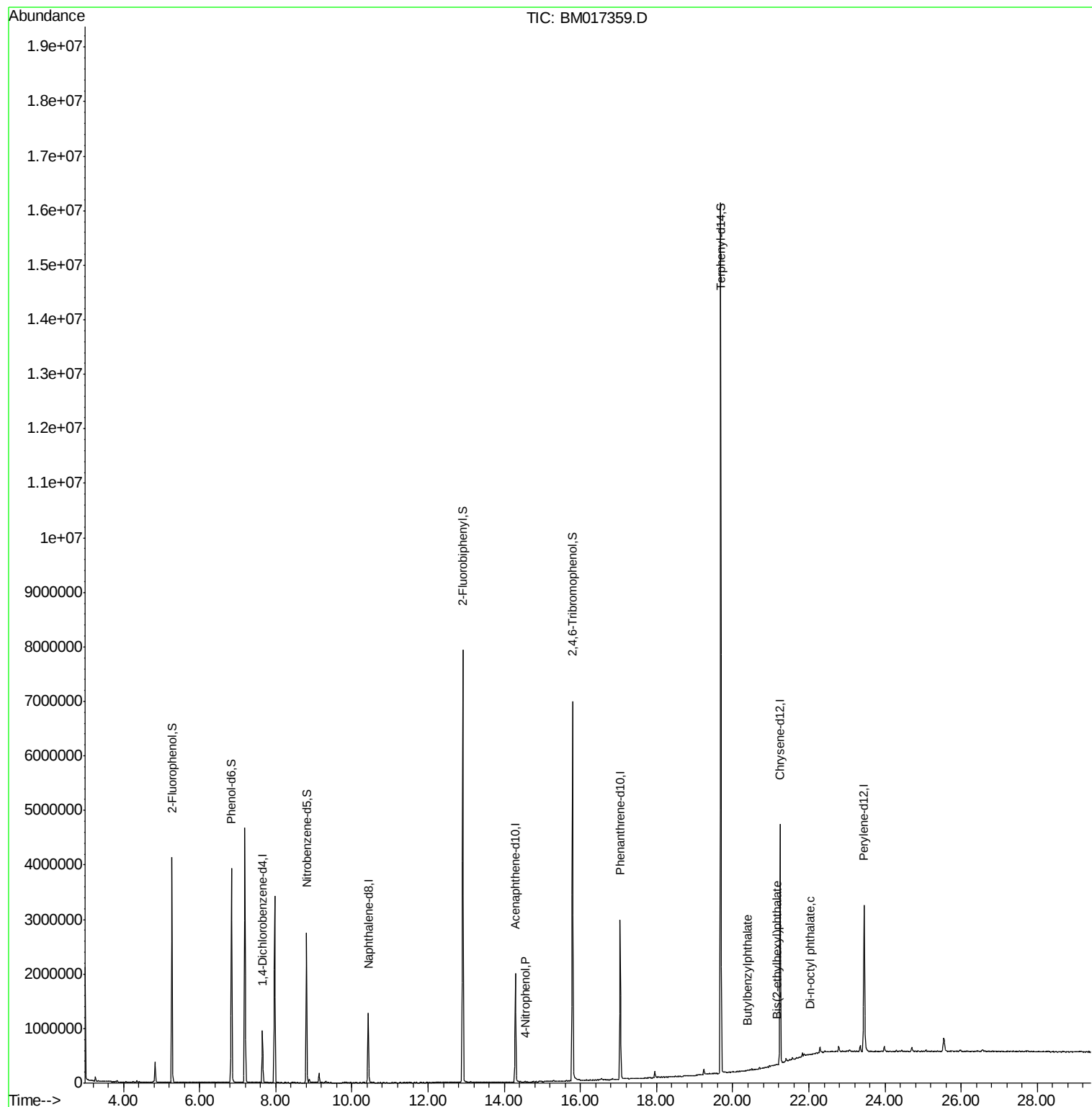
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	251877	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1062839	20.00	ng	-0.02
39) Acenaphthene-d10	14.29	164	678199	20.00	ng	-0.02
64) Phenanthrene-d10	17.04	188	1734486	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	2188524	20.00	ng	-0.02
87) Perylene-d12	23.46	264	2026445	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1717930	115.36	ng	-0.01
7) Phenol-d6	6.84	99	2160935	106.54	ng	-0.02
23) Nitrobenzene-d5	8.80	82	1595611	87.80	ng	-0.03
42) 2,4,6-Tribromophenol	15.79	330	1300824	141.83	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	4055375	79.56	ng	-0.02
79) Terphenyl-d14	19.69	244	7615843	78.44	ng	-0.02
Target Compounds						
56) 4-Nitrophenol	14.56	139	144	4.729	ng	# 70
80) Butylbenzylphthalate	20.40	149	948	7.193	ng	# 46
84) Bis(2-ethylhexyl)phthalate	21.17	149	3220	5.348	ng	# 85
85) Di-n-octyl phthalate	22.03	149	2547	5.590	ng	# 65

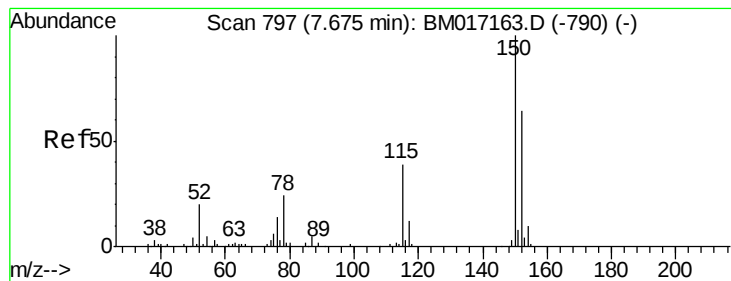
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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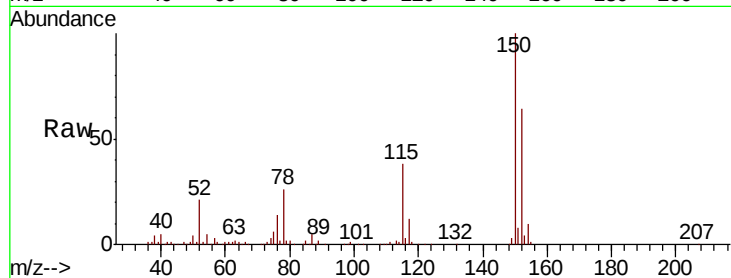




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.65 min Scan# 793
 Delta R.T. -0.02 min
 Lab File: BM017359.D
 Acq: 26 Oct 2018 21:46

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.3	186.5
115	59.5	48.1	72.1

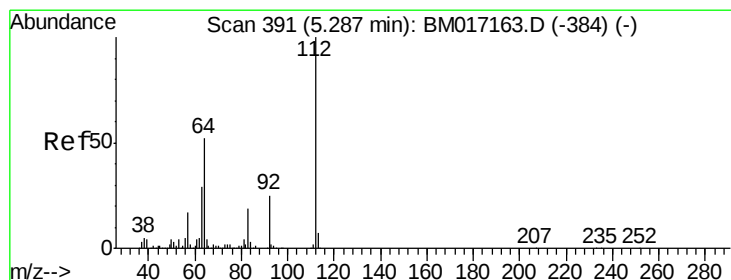
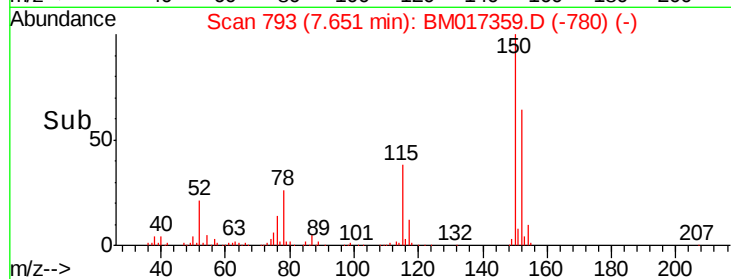
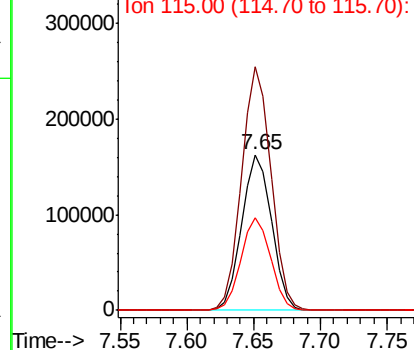


Abundance

Ion 152.00 (151.70 to 152.70): E

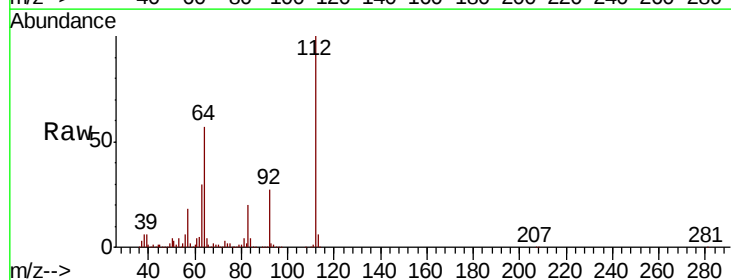
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 115.358 ng
 RT: 5.28 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: BM017359.D
 Acq: 26 Oct 2018 21:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	41.7	62.5
63	30.3	23.0	34.4

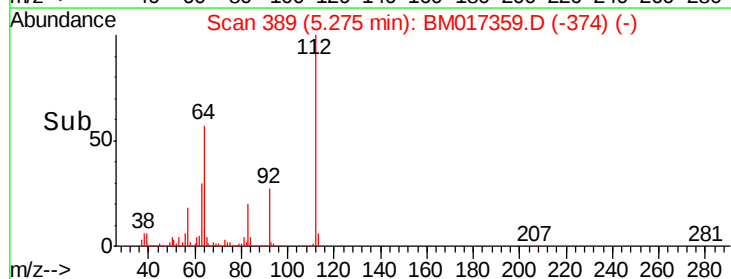
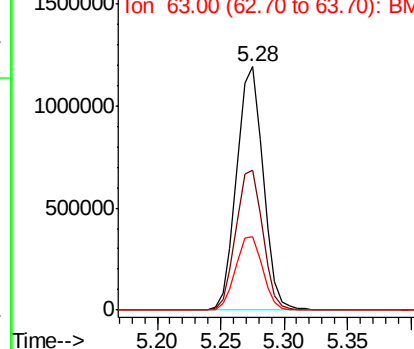


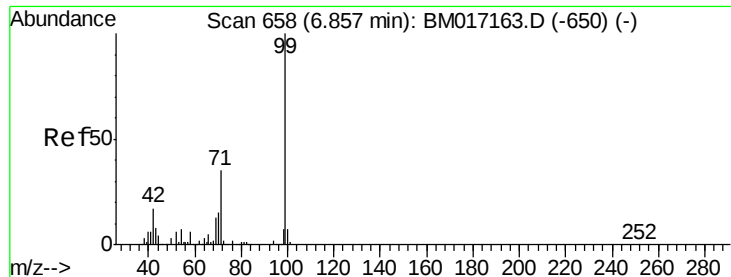
Abundance

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: 106.543 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017359.D

Acq: 26 Oct 2018 21:46

Instrument :

BNA_M

ClientSampleId :

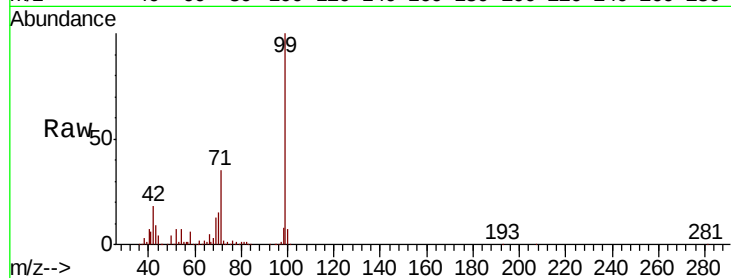
Tot Ion: 99 Resp: 2160935

Ion Ratio Lower Upper

99 100

42 17.7 13.3 19.9

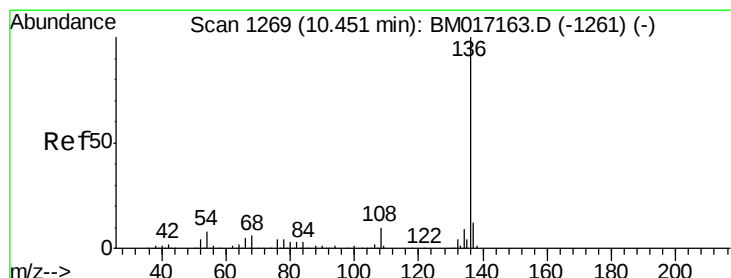
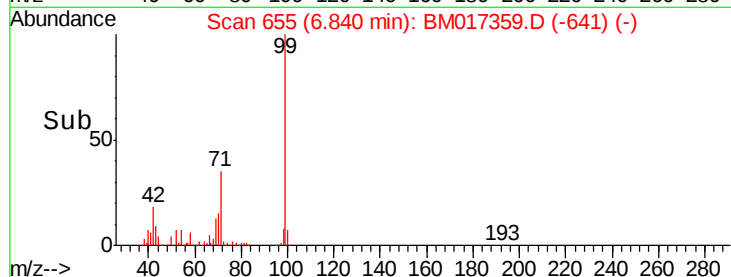
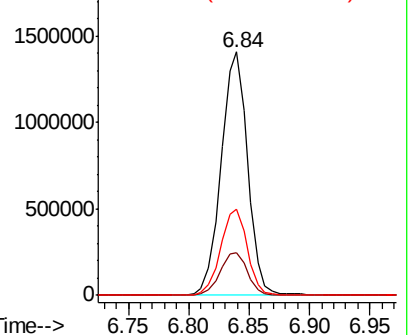
71 35.4 28.0 42.0



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# 1265

Delta R.T. -0.02 min

Lab File: BM017359.D

Acq: 26 Oct 2018 21:46

Tgt Ion: 136 Resp: 1062839

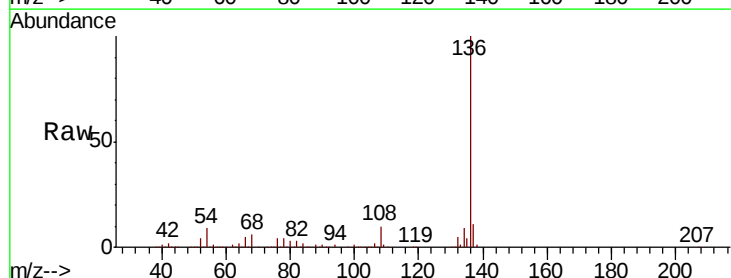
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 8.5 6.7 10.1

68 5.7 4.7 7.1

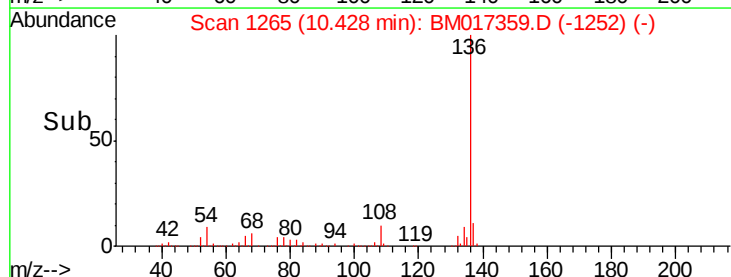
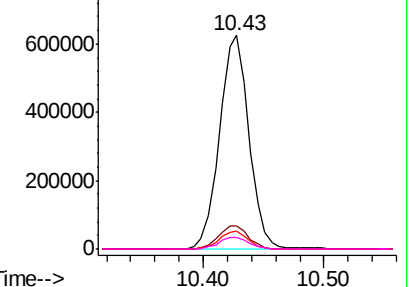


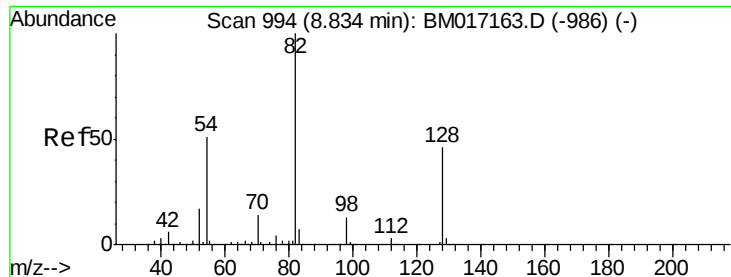
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

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) (-)



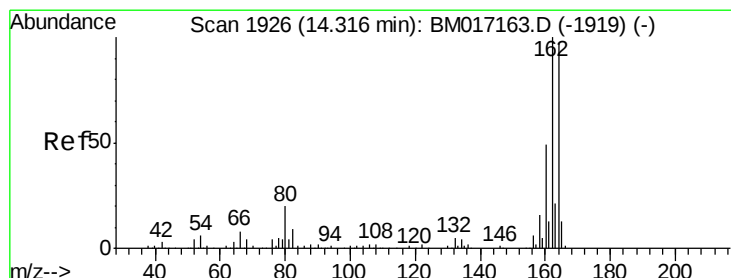
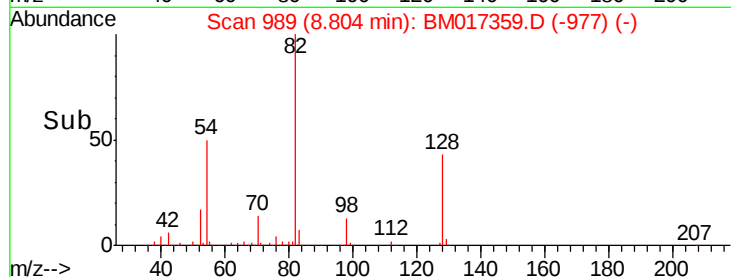
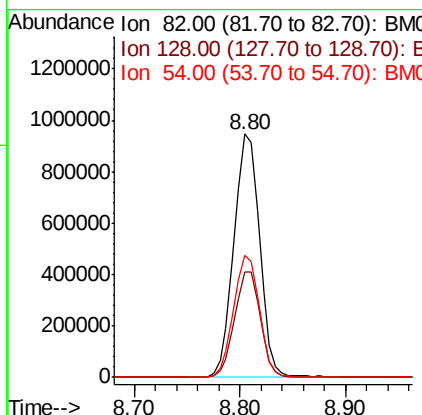
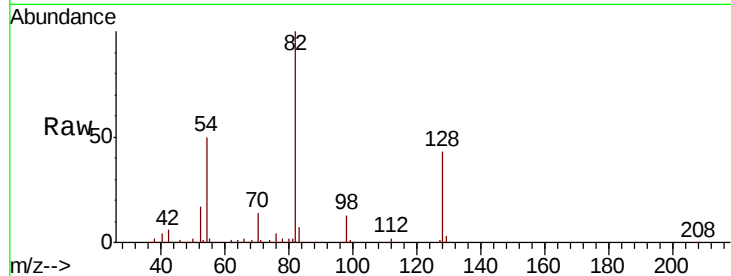


#23
 Nitrobenzene-d5
 Concen: 87.803 ng
 RT: 8.80 min Scan# 989
 Delta R.T. -0.03 min
 Lab File: BM017359.D
 Acq: 26 Oct 2018 21:46

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 1595611

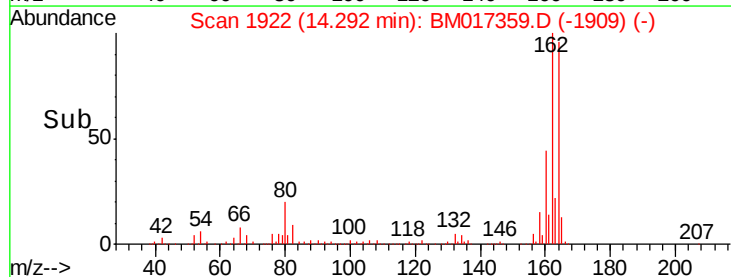
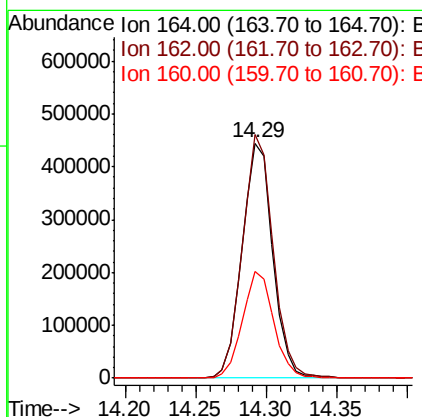
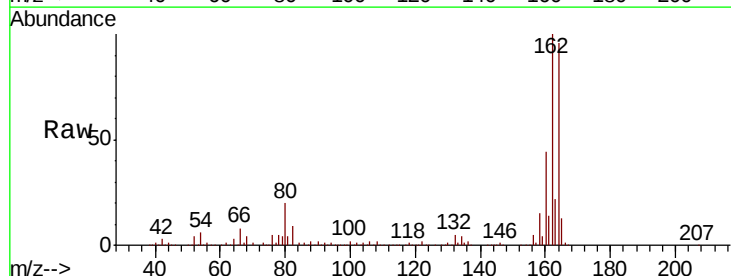
Ion	Ratio	Lower	Upper
82	100		
128	43.1	37.0	55.6
54	50.1	40.7	61.1

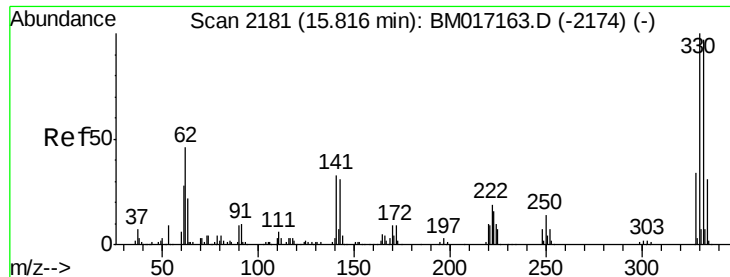


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1922
 Delta R.T. -0.02 min
 Lab File: BM017359.D
 Acq: 26 Oct 2018 21:46

Tgt Ion: 164 Resp: 678199

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.1	123.1
160	45.3	40.2	60.2

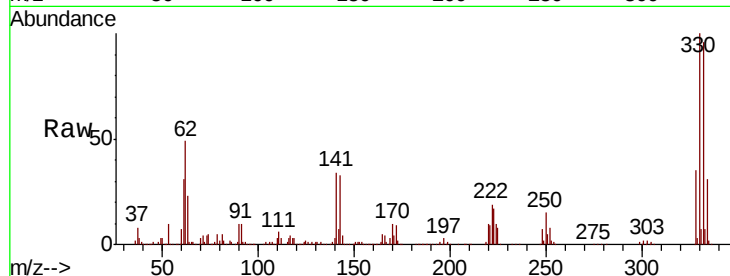




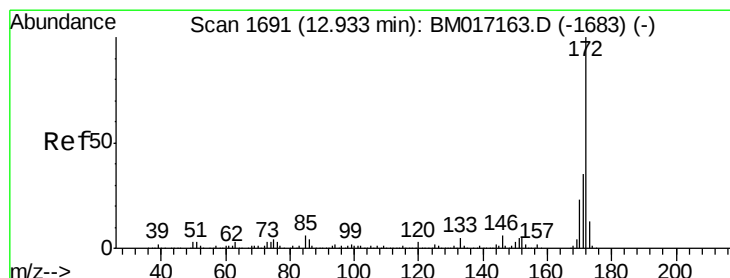
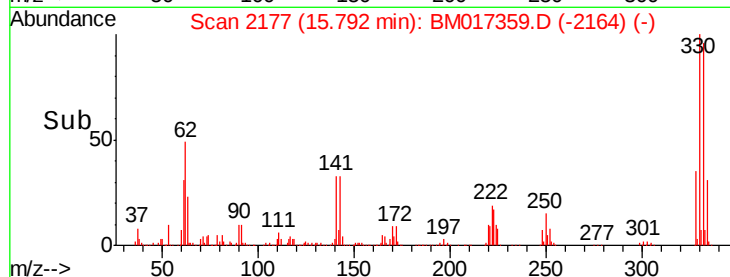
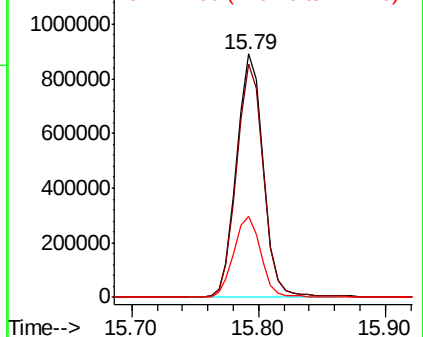
#42
 2,4,6-Tribromophenol
 Concen: 141.831 ng
 RT: 15.79 min Scan# 2177
 Delta R.T. -0.02 min
 Lab File: BM017359.D
 Acq: 26 Oct 2018 21:46

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1300824
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 33.5 27.4 41.0

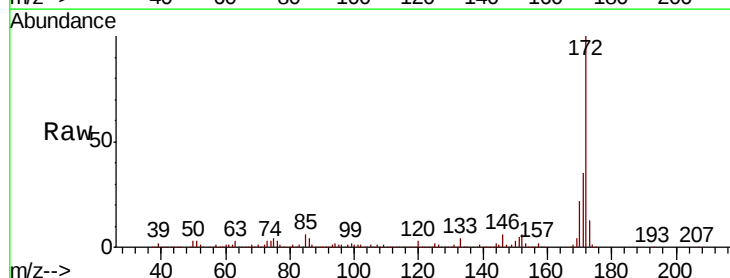


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

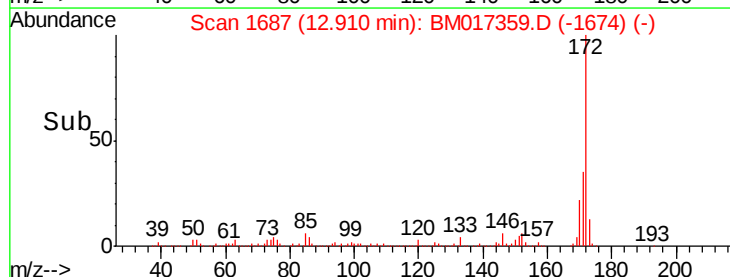
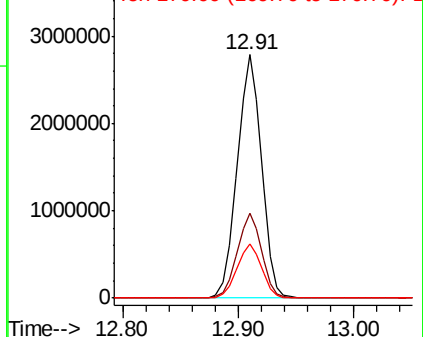


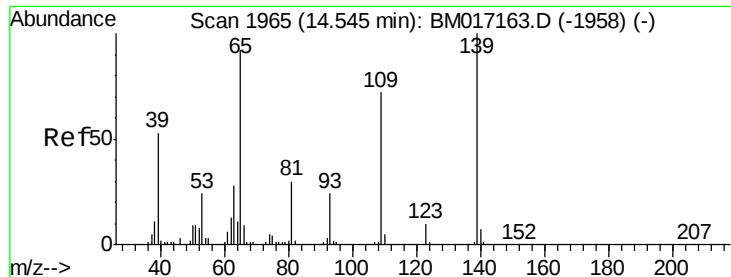
#45
 2-Fluorobiphenyl
 Concen: 79.561 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BM017359.D
 Acq: 26 Oct 2018 21:46

Tgt Ion:172 Resp: 4055375
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.3 42.5
 170 22.2 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

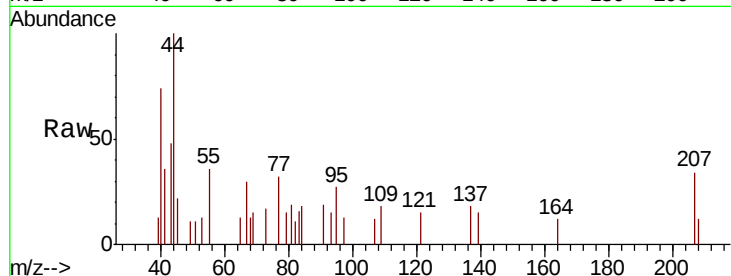




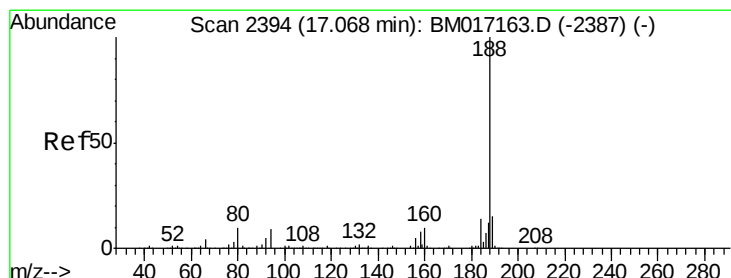
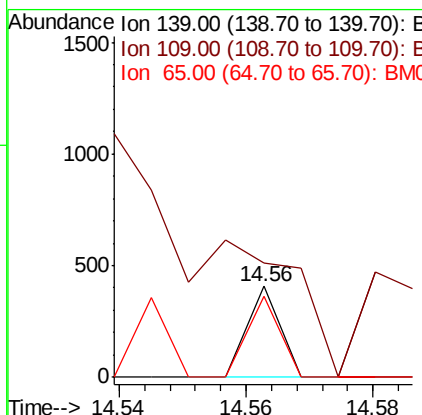
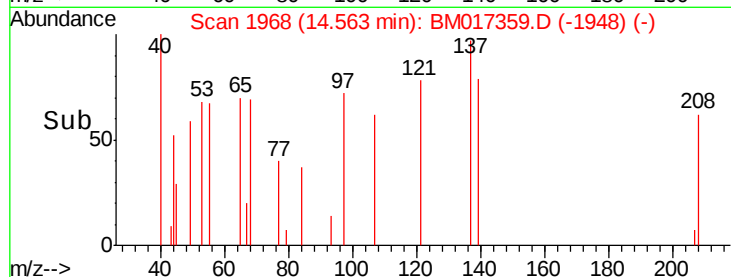
#56
4-Nitrophenol
Concen: 4.729 ng
RT: 14.56 min Scan# 1968
Delta R.T. 0.02 min
Lab File: BM017359.D
Acq: 26 Oct 2018 21:46

Instrument :
BNA_M
ClientSampled :

Tot Ion:139 Resp: 144
Ion Ratio Lower Upper
139 100
109 125.2 51.8 91.8#
65 88.7 72.1 112.1

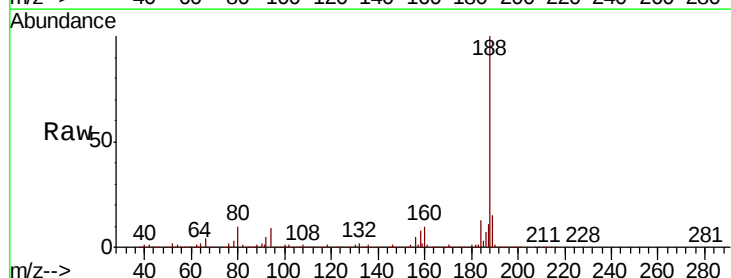


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM

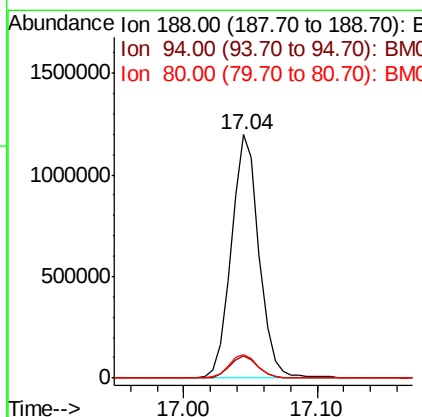
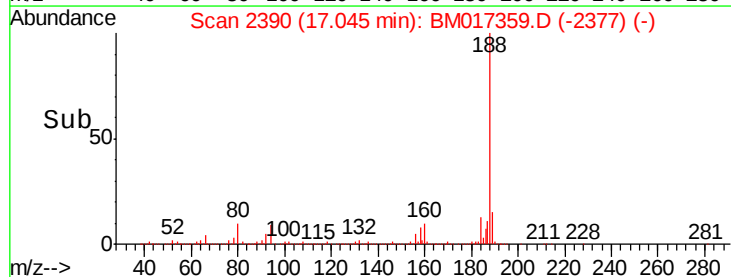


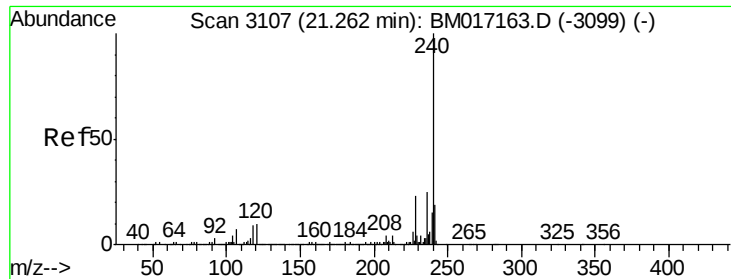
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. -0.02 min
Lab File: BM017359.D
Acq: 26 Oct 2018 21:46

Tgt Ion:188 Resp: 1734486
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

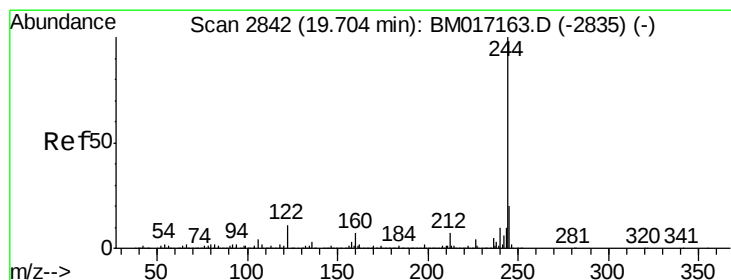
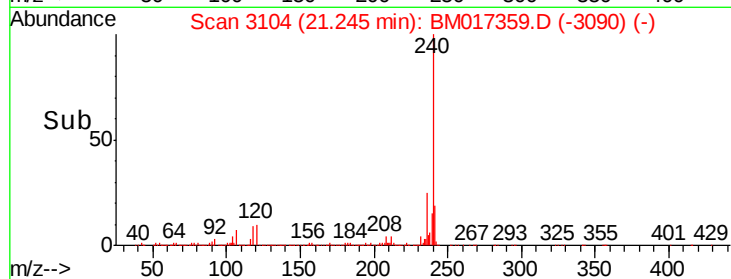
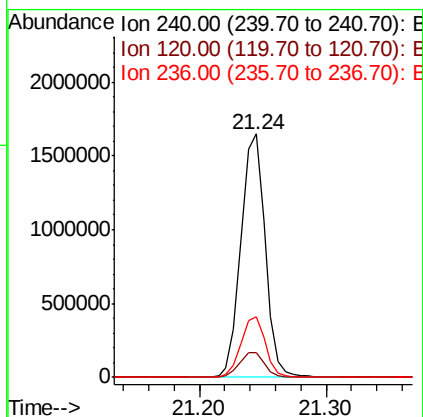
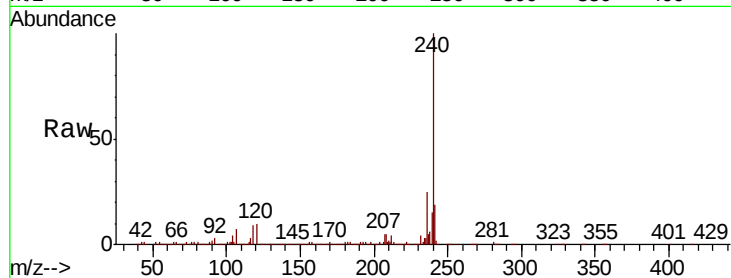




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BM017359.D
Acq: 26 Oct 2018 21:46

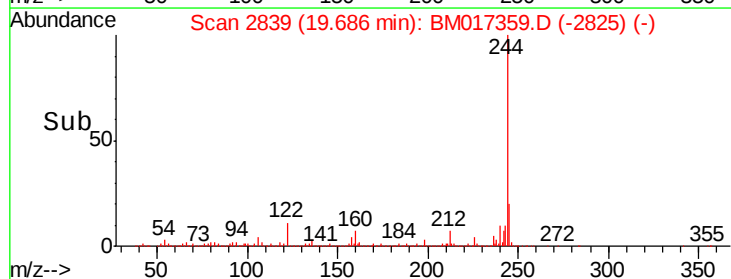
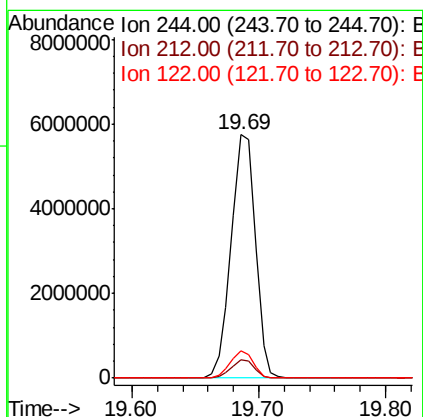
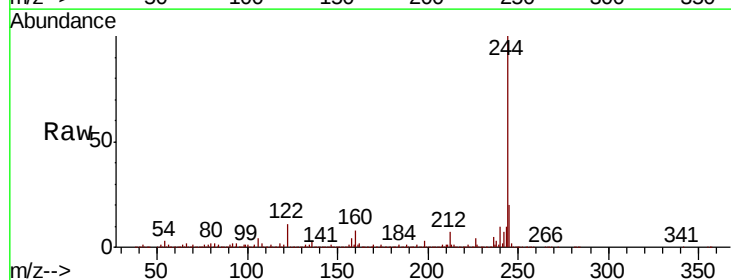
Instrument :
BNA_M
ClientSampleId :

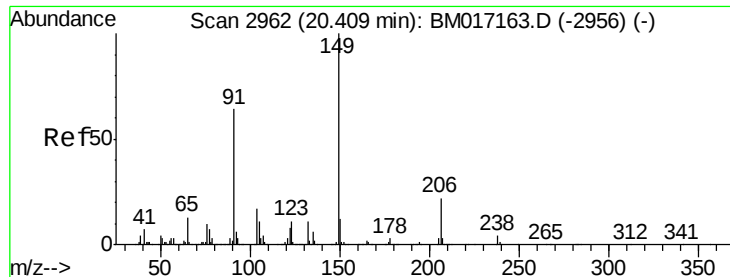
Tot Ion:240 Resp: 2188524
Ion Ratio Lower Upper
240 100
120 10.0 8.1 12.1
236 24.8 19.9 29.9



#79
Terphenyl-d14
Concen: 78.437 ng
RT: 19.69 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BM017359.D
Acq: 26 Oct 2018 21:46

Tgt Ion:244 Resp: 7615843
Ion Ratio Lower Upper
244 100
212 7.4 5.5 8.3
122 11.3 8.4 12.6

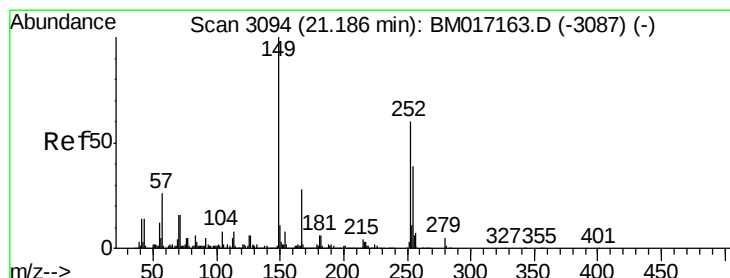
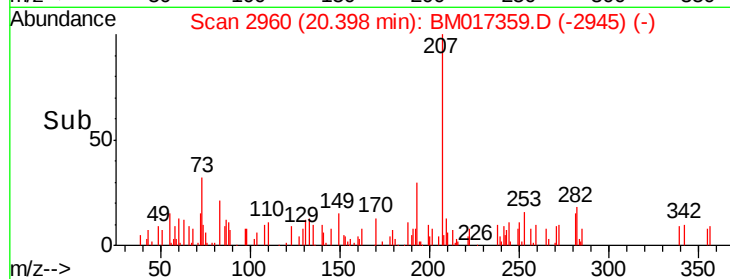
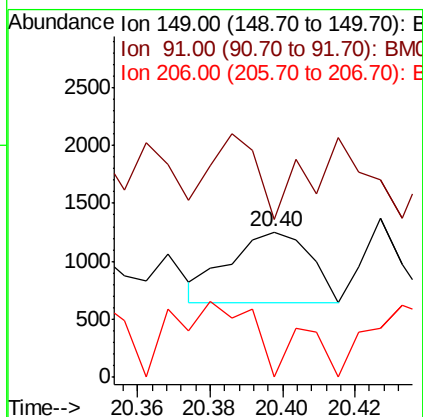
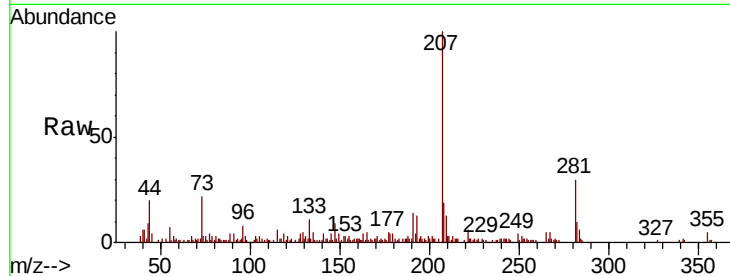




#80
 Butylbenzylphthalate
 Concen: 7.193 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM017359.D
 Acq: 26 Oct 2018 21:46

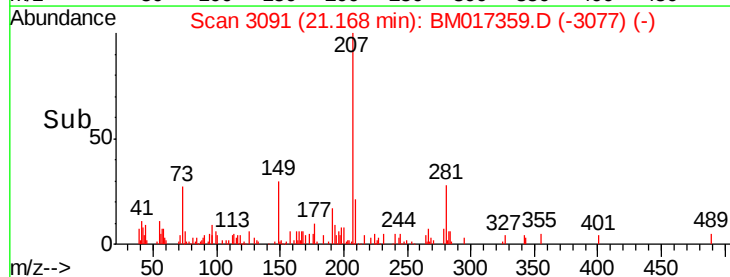
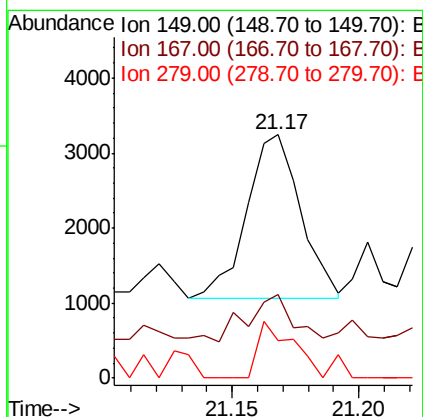
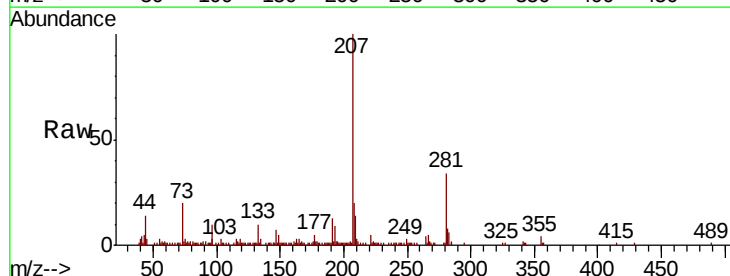
Instrument :
 BNA_M
 ClientSampled :

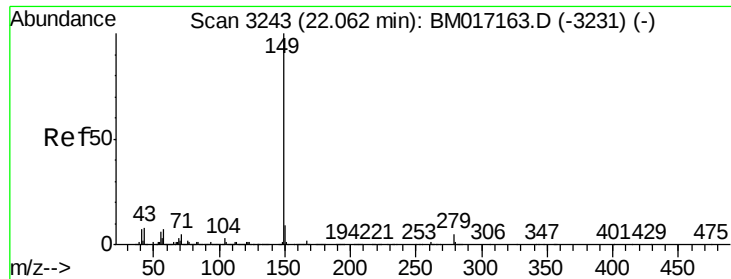
Tot Ion	Ratio	Lower	Upper
149	100		
91	108.8	51.3	76.9#
206	0.0	18.0	27.0#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.348 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.02 min
 Lab File: BM017359.D
 Acq: 26 Oct 2018 21:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	34.2	22.2	33.4#
279	15.6	3.6	5.4#





#85

Di-n-octyl phthalate

Concen: 5.590 ng

RT: 22.03 min Scan# 3238

Delta R.T. -0.03 min

Lab File: BM017359.D

Acq: 26 Oct 2018 21:46

Instrument :

BNA_M

ClientSampleId :

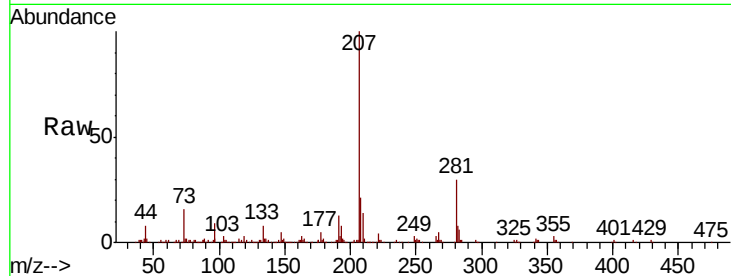
Tot Ion:149 Resp: 2547

Ion Ratio Lower Upper

149 100

167 34.5 1.4 2.0#

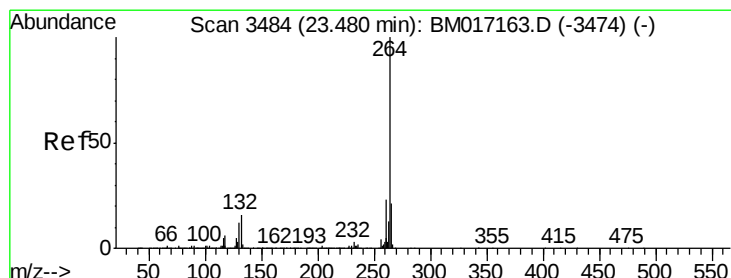
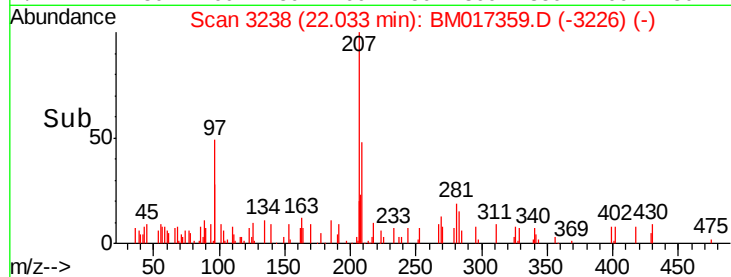
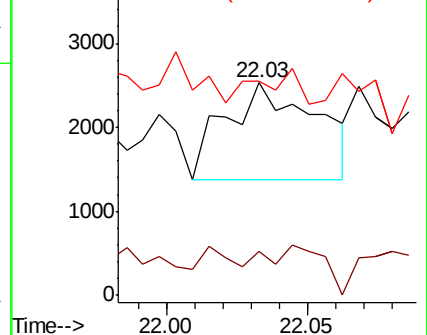
43 0.0 7.2 10.8#



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: BM017359.D

Acq: 26 Oct 2018 21:46

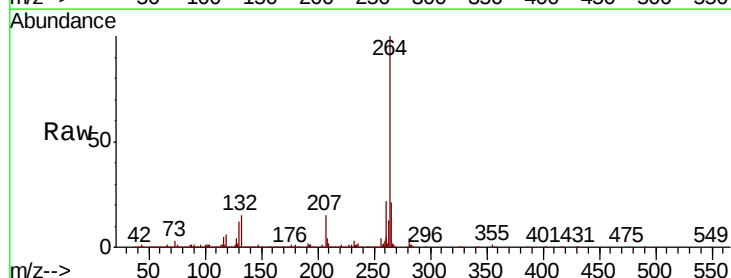
Tgt Ion:264 Resp: 2026445

Ion Ratio Lower Upper

264 100

260 22.4 18.6 27.8

265 21.4 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

