

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102318\
 Data File : BM017287.D
 Acq On : 23 Oct 2018 16:35
 Operator : MJ/SJ
 Sample : PB1144097BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 24 06:56:20 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

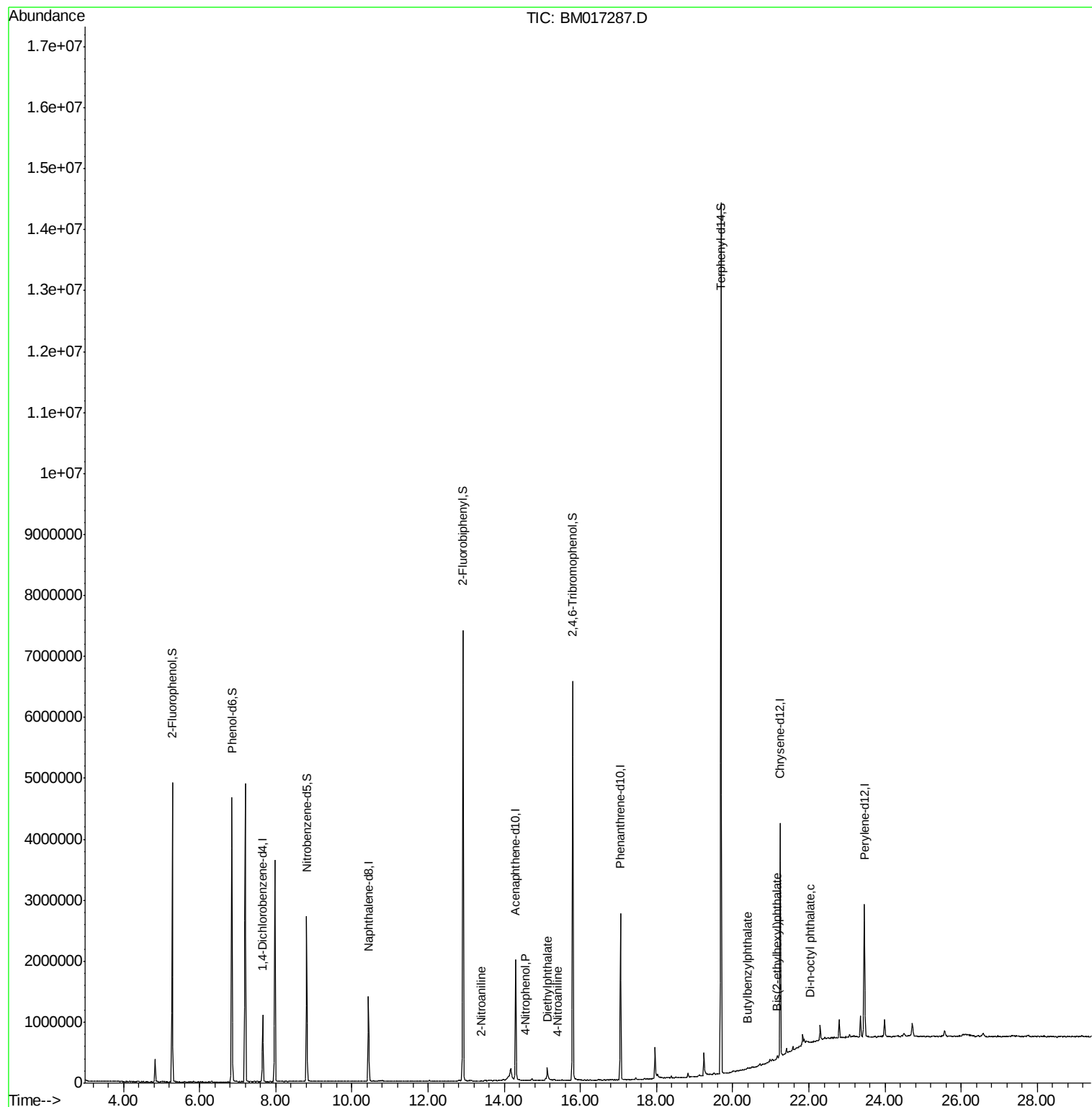
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	285954	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1126612	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	657254	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1591529	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1778804	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1525977	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2003900	118.52	ng	0.00
7) Phenol-d6	6.85	99	2632329	114.32	ng	-0.01
23) Nitrobenzene-d5	8.81	82	1565948	81.29	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1175863	132.29	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	3732614	75.56	ng	-0.02
79) Terphenyl-d14	19.69	244	6331744	80.23	ng	-0.01
Target Compounds						
48) 2-Nitroaniline	13.40	65	281	5.707	ng	# 5
56) 4-Nitrophenol	14.57	139	119	4.727	ng	# 33
60) Diethylphthalate	15.13	149	172864	3.438	ng	# 98
62) 4-Nitroaniline	15.41	138	117	4.763	ng	# 18
80) Butylbenzylphthalate	20.39	149	1541	7.211	ng	# 83
84) Bis(2-ethylhexyl)phthalate	21.17	149	16436	5.560	ng	# 88
85) Di-n-octyl phthalate	22.04	149	1447	5.585	ng	# 50

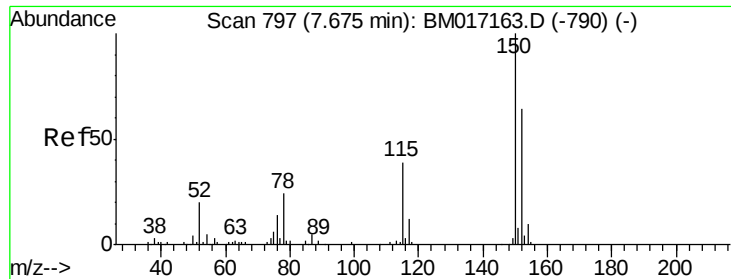
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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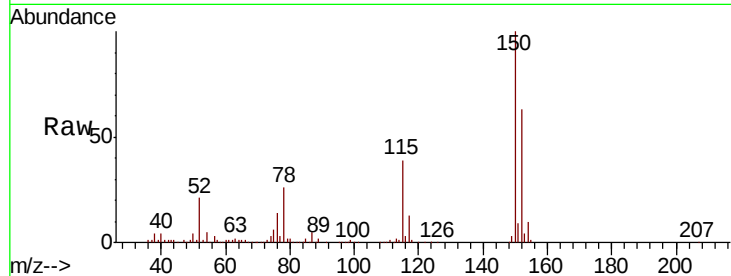


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM017287.D
Acq: 23 Oct 2018 16:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.3	186.5
115	61.5	48.1	72.1

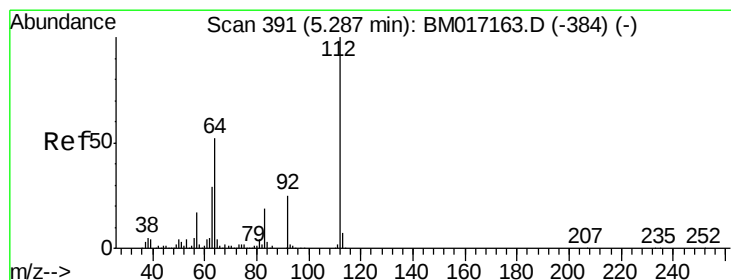
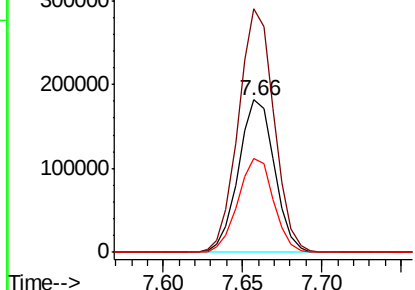
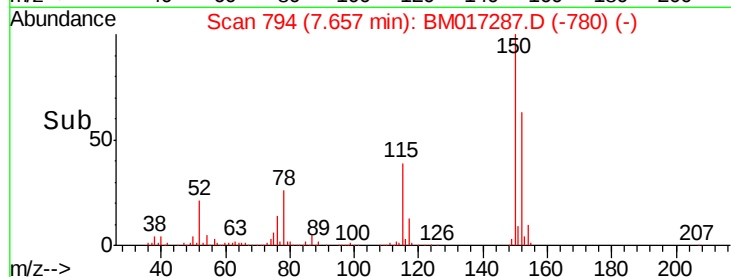


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

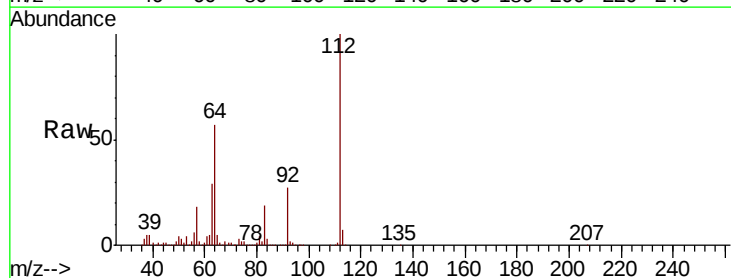
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.525 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017287.D
Acq: 23 Oct 2018 16:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	41.7	62.5
63	29.2	23.0	34.4

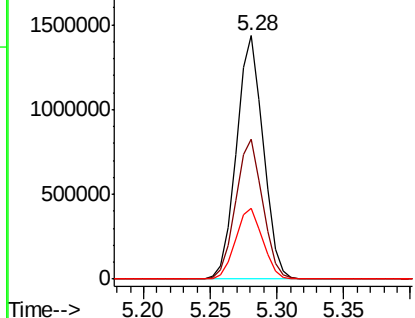
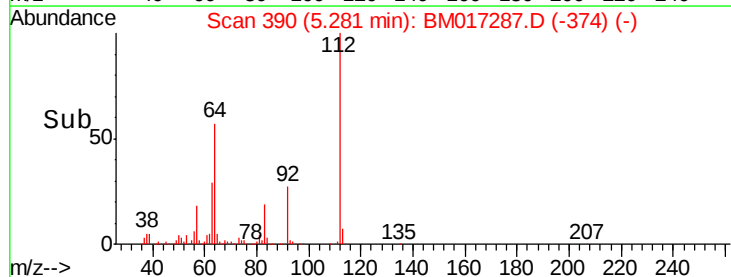


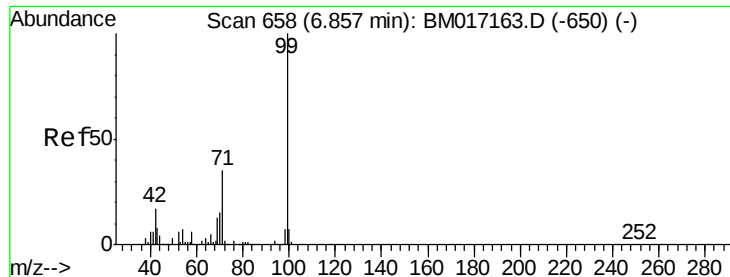
Abundance

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: 114.318 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017287.D

Acq: 23 Oct 2018 16:35

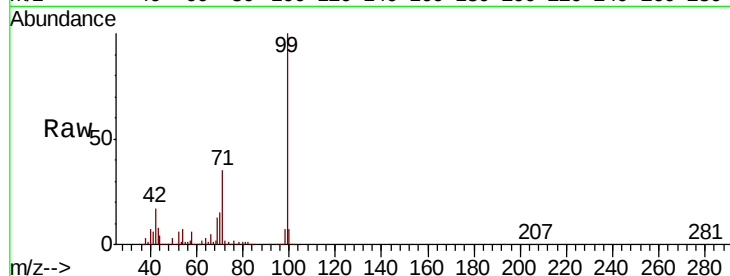
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2632329

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.3	19.9
71	34.9	28.0	42.0

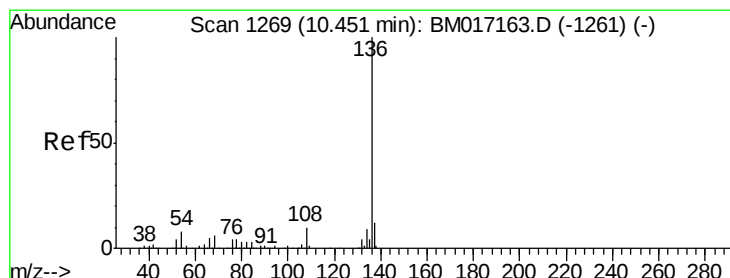
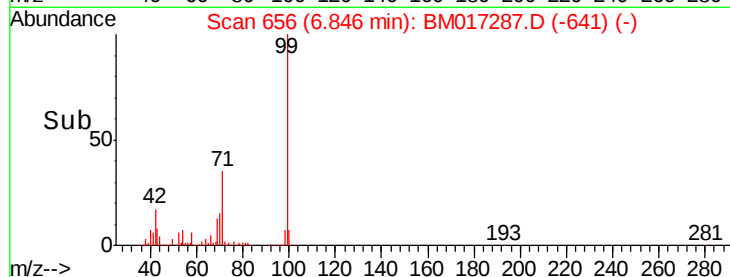
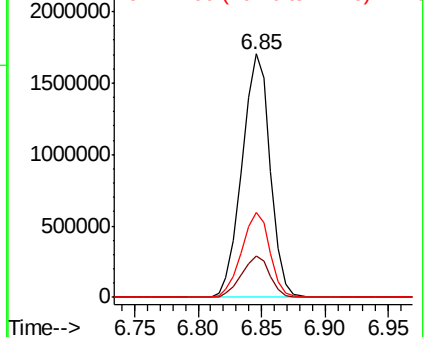


Abundance

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

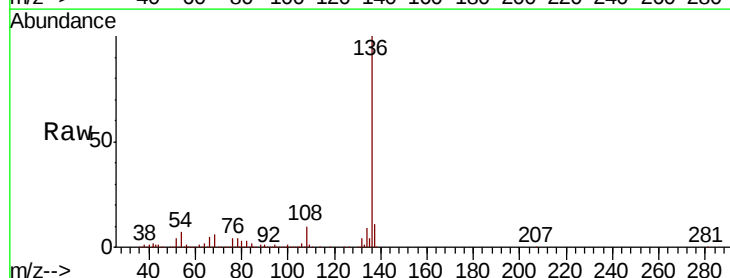
Delta R.T. -0.02 min

Lab File: BM017287.D

Acq: 23 Oct 2018 16:35

Tgt Ion: 136 Resp: 1126612

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.4	6.7	10.1
68	5.8	4.7	7.1



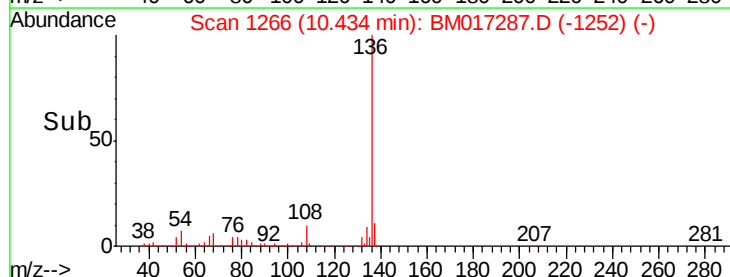
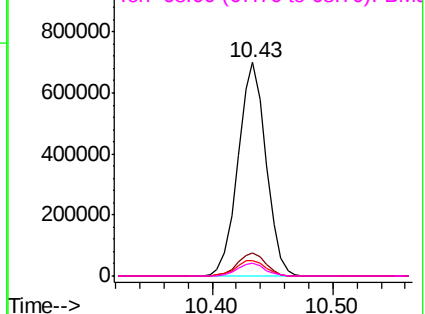
Abundance

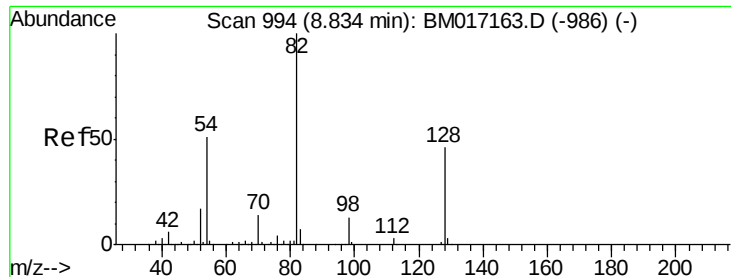
Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

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) (-)

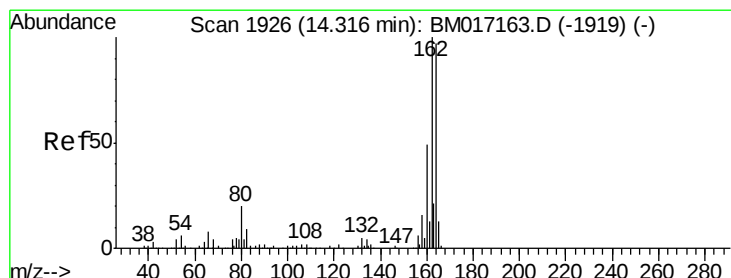
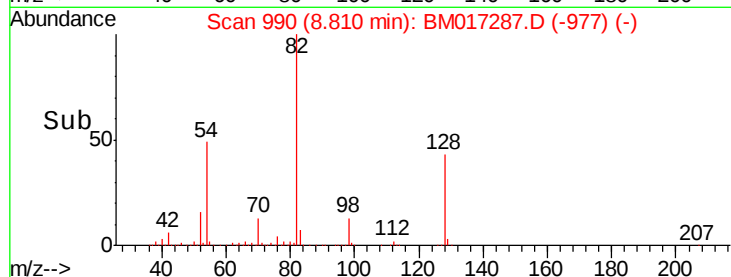
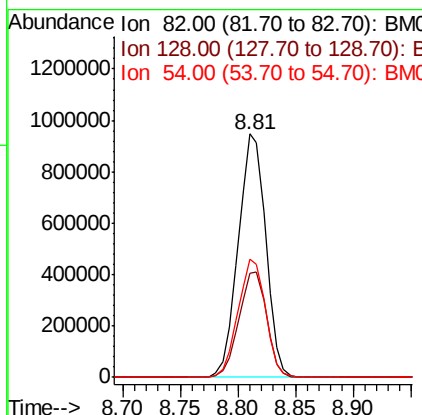
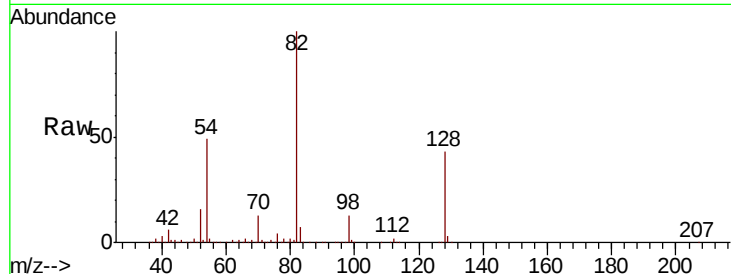




#23
Nitrobenzene-d5
Concen: 81.293 ng
RT: 8.81 min Scan# 990
Delta R.T. -0.02 min
Lab File: BM017287.D
Acq: 23 Oct 2018 16:35

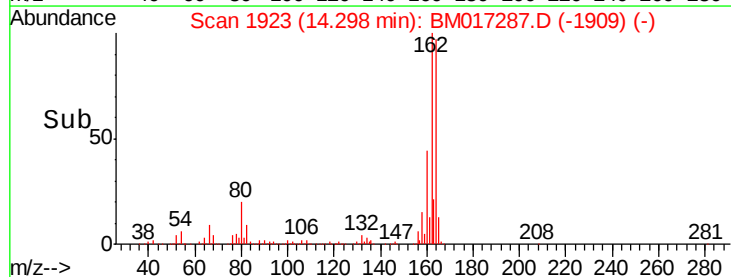
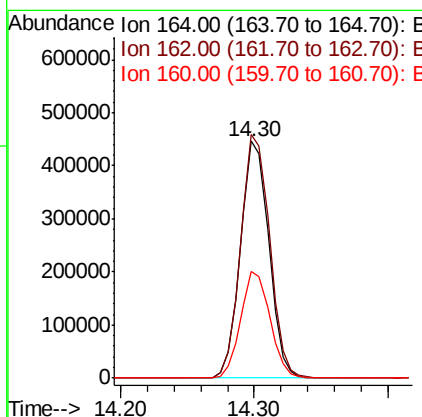
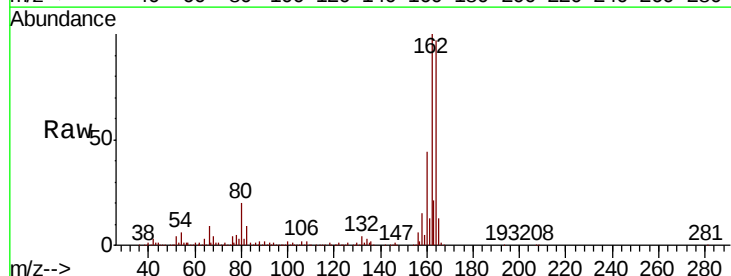
Instrument :
BNA_M
ClientSampleId :

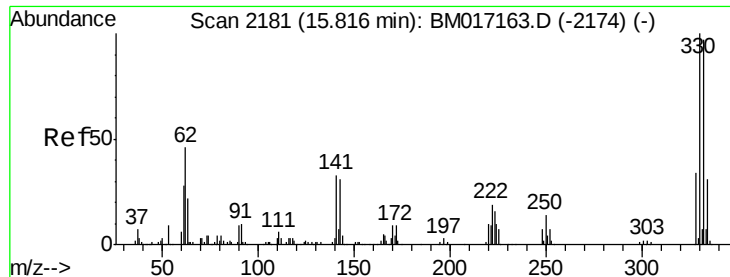
Tot Ion: 82 Resp: 1565948
Ion Ratio Lower Upper
82 100
128 42.6 37.0 55.6
54 48.6 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.02 min
Lab File: BM017287.D
Acq: 23 Oct 2018 16:35

Tgt Ion:164 Resp: 657254
Ion Ratio Lower Upper
164 100
162 102.9 82.1 123.1
160 45.2 40.2 60.2

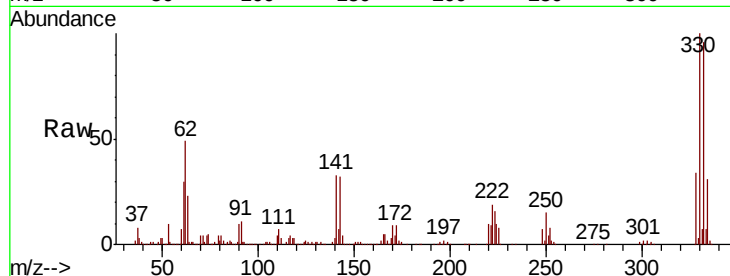




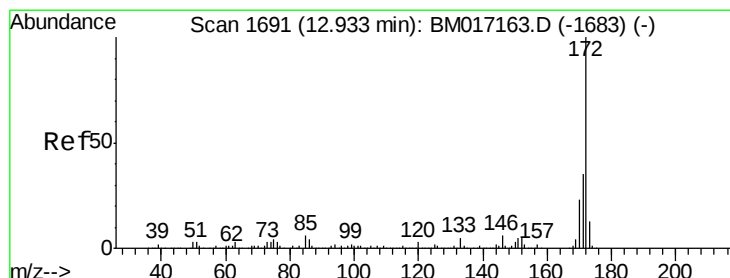
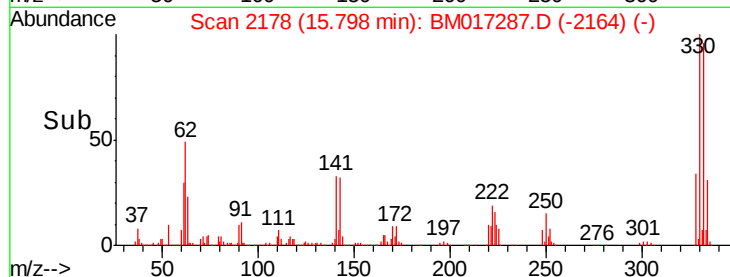
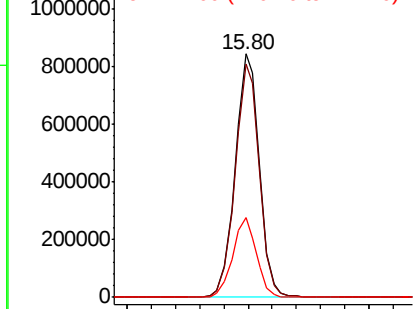
#42
 2,4,6-Tribromophenol
 Concen: 132.292 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BM017287.D
 Acq: 23 Oct 2018 16:35

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 1175863
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 32.2 27.4 41.0

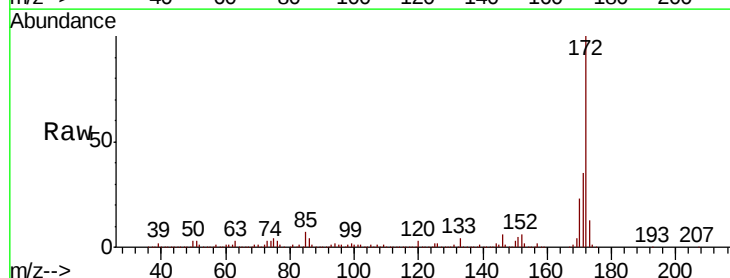


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

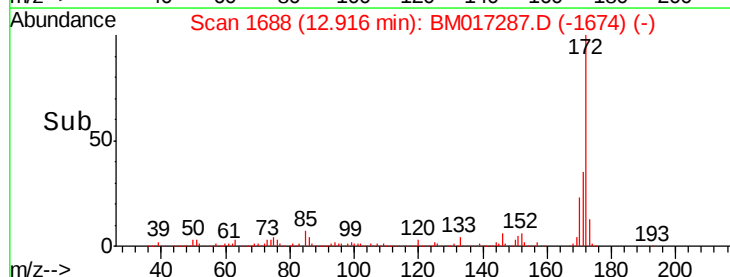
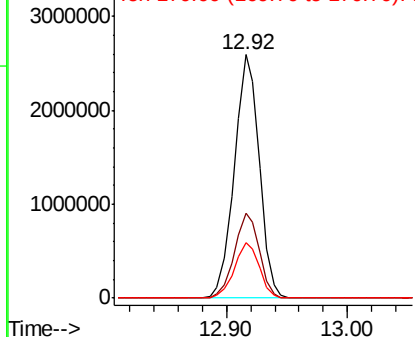


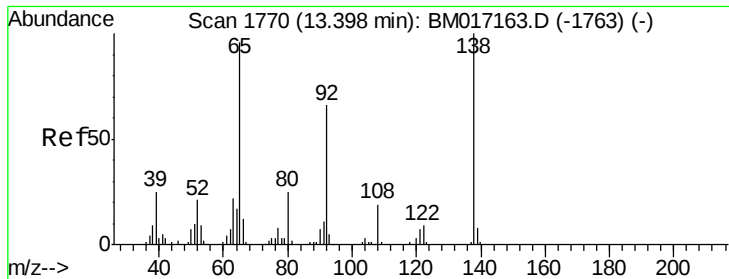
#45
 2-Fluorobiphenyl
 Concen: 75.563 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM017287.D
 Acq: 23 Oct 2018 16:35

Tgt Ion:172 Resp: 3732614
 Ion Ratio Lower Upper
 172 100
 171 35.1 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

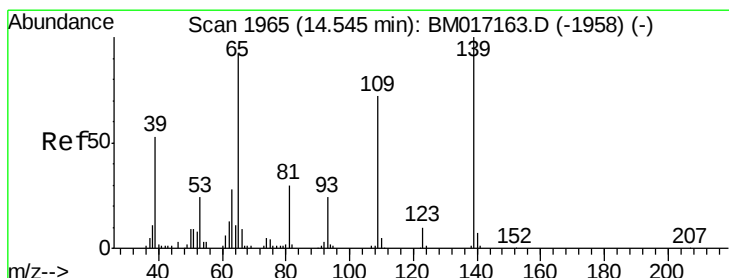
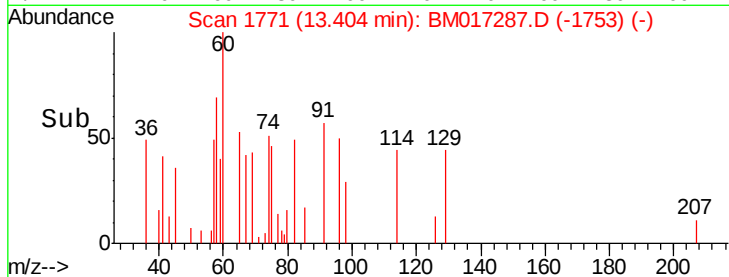
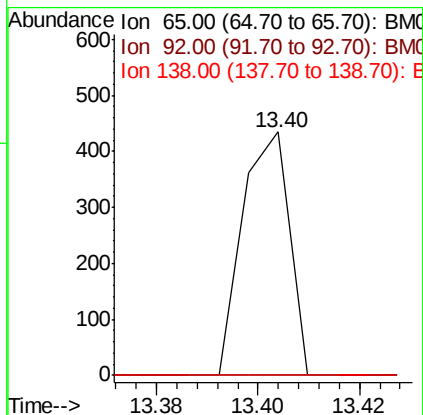
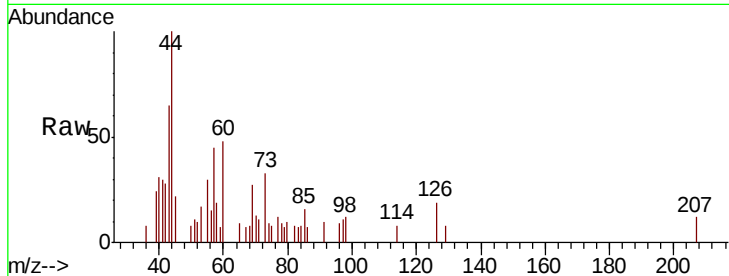




#48
2-Nitroaniline
Concen: 5.707 ng
RT: 13.40 min Scan# 1771
Delta R.T. 0.01 min
Lab File: BM017287.D
Acq: 23 Oct 2018 16:35

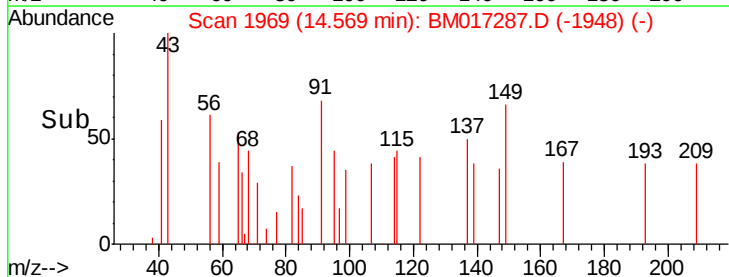
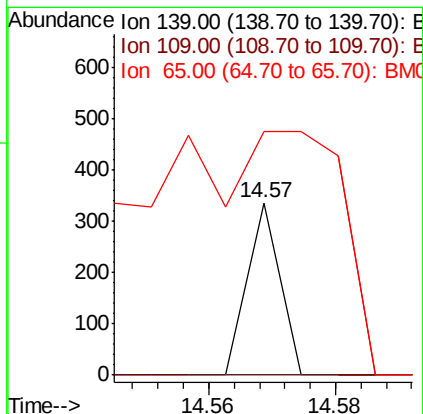
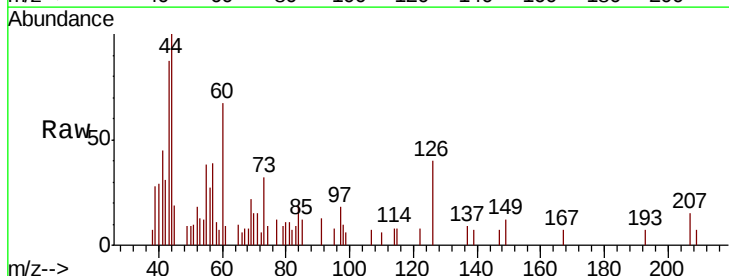
Instrument :
BNA_M
ClientSampled :

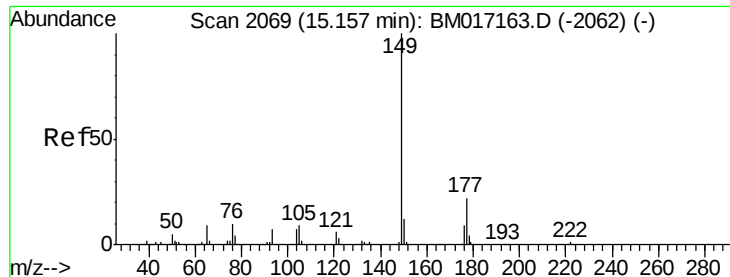
Tot Ion: 65 Resp: 281
Ion Ratio Lower Upper
65 100
92 0.0 54.9 82.3#
138 0.0 83.7 125.5#



#56
4-Nitrophenol
Concen: 4.727 ng
RT: 14.57 min Scan# 1969
Delta R.T. 0.02 min
Lab File: BM017287.D
Acq: 23 Oct 2018 16:35

Tgt Ion: 139 Resp: 119
Ion Ratio Lower Upper
139 100
109 0.0 51.8 91.8#
65 141.1 72.1 112.1#





#60

Diethylphthalate

Concen: 3.438 ng

RT: 15.13 min Scan# 2065

Delta R.T. -0.02 min

Lab File: BM017287.D

Acq: 23 Oct 2018 16:35

Instrument :

BNA_M

ClientSampled :

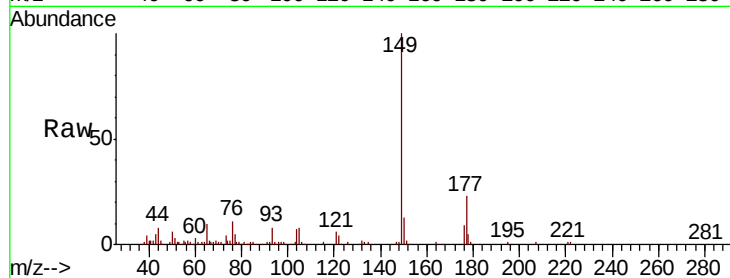
Tot Ion:149 Resp: 172864

Ion Ratio Lower Upper

149 100

177 23.2 17.7 26.5

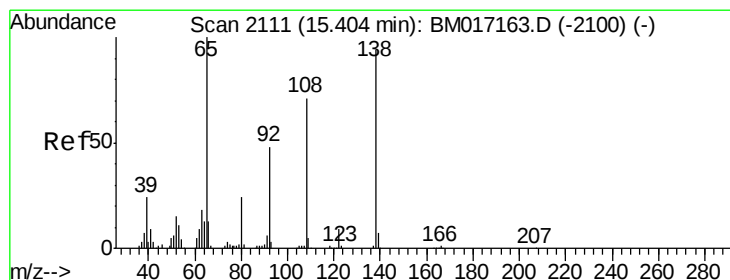
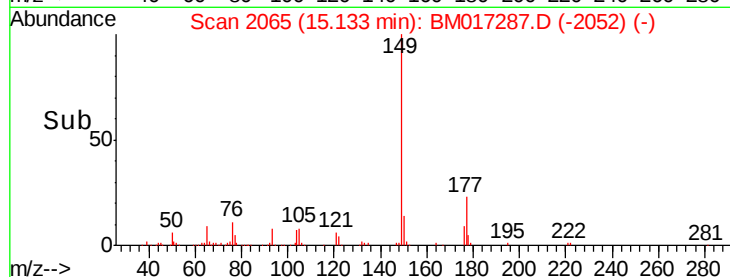
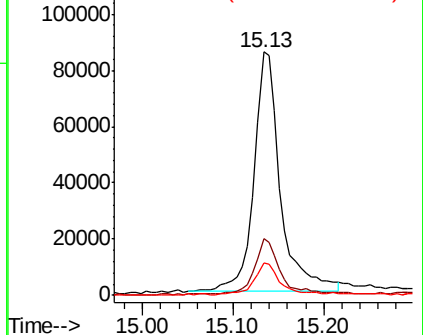
150 13.3 10.0 15.0



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



#62

4-Nitroaniline

Concen: 4.763 ng

RT: 15.41 min Scan# 2112

Delta R.T. 0.01 min

Lab File: BM017287.D

Acq: 23 Oct 2018 16:35

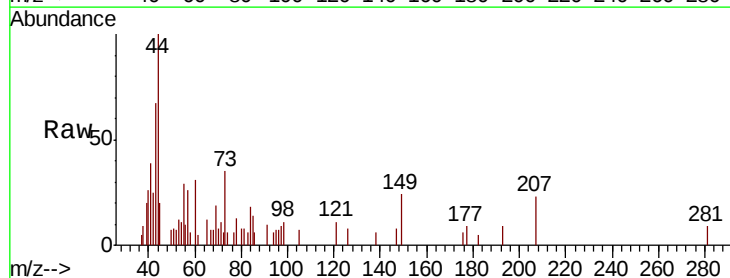
Tgt Ion:138 Resp: 117

Ion Ratio Lower Upper

138 100

92 0.0 31.2 71.2#

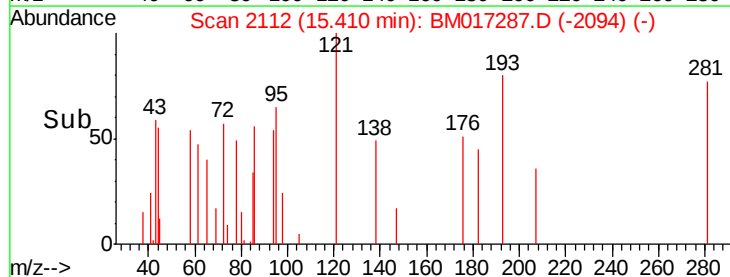
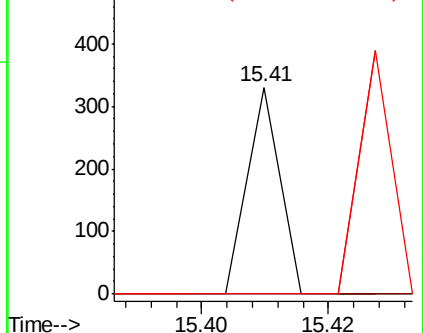
108 0.0 55.5 95.5#

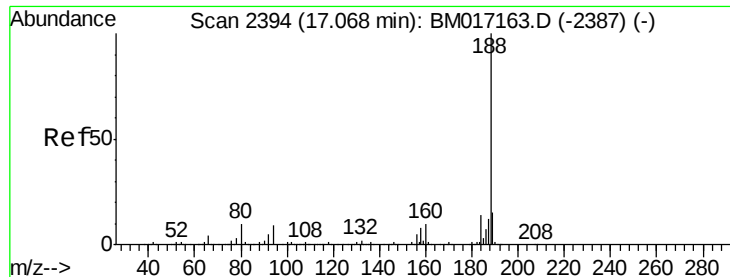


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BM017287.D

Acq: 23 Oct 2018 16:35

Instrument :

BNA_M

ClientSampleId :

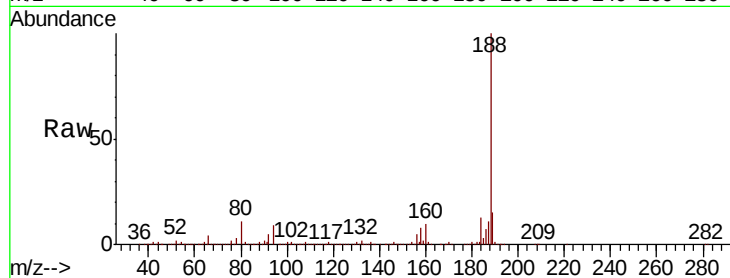
Tot Ion:188 Resp: 1591529

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

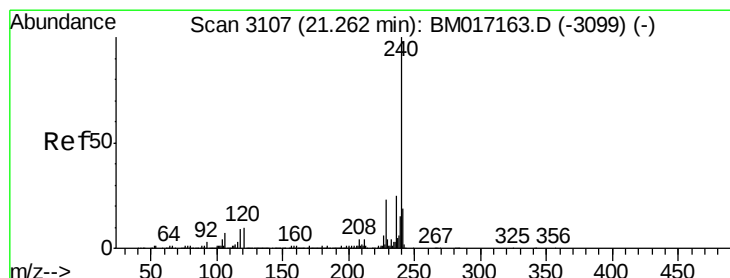
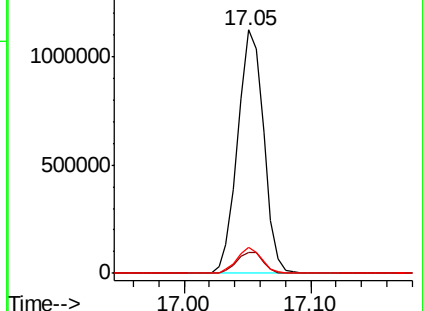
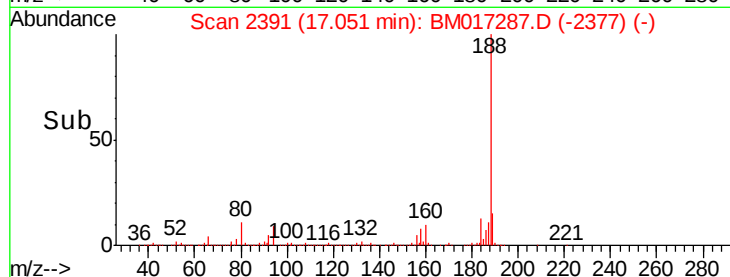
80 10.7 7.7 11.5



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: BM017287.D

Acq: 23 Oct 2018 16:35

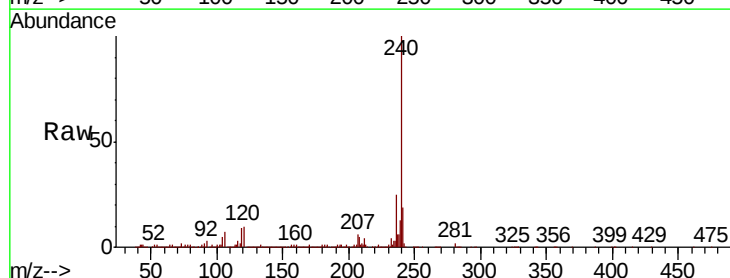
Tgt Ion:240 Resp: 1778804

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

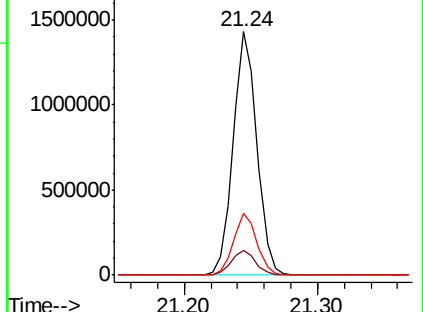
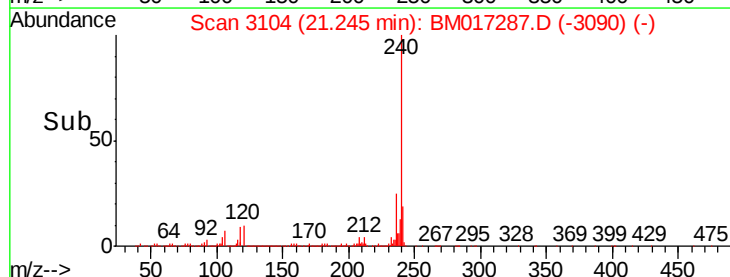
236 25.5 19.9 29.9

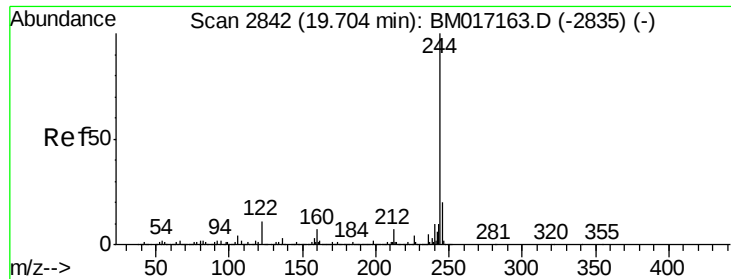


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.232 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017287.D

Acq: 23 Oct 2018 16:35

Instrument :

BNA_M

ClientSampleId :

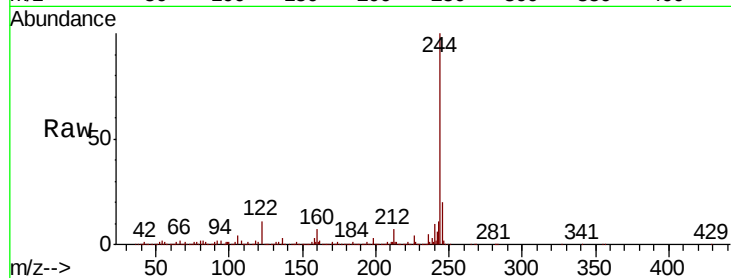
Tot Ion:244 Resp: 6331744

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

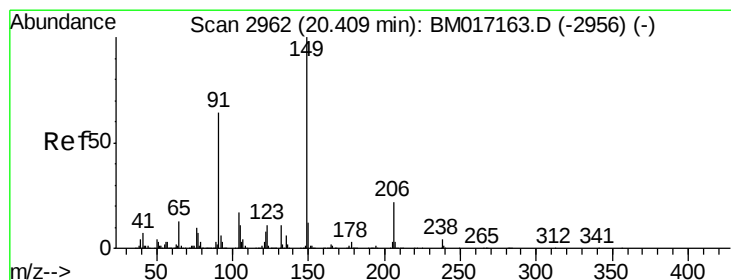
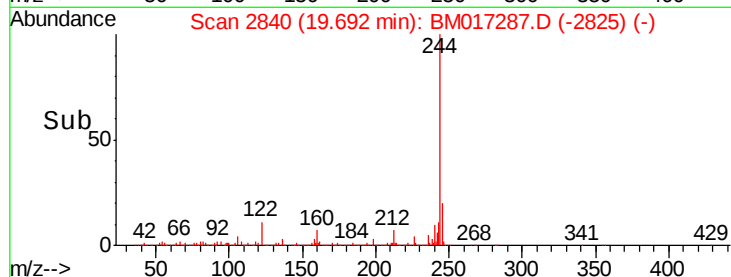
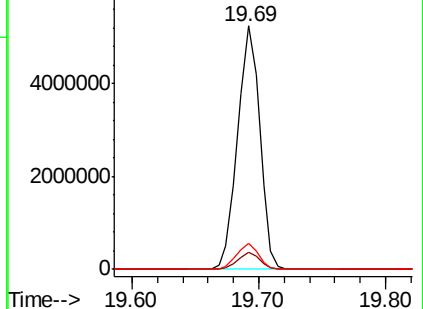
122 10.9 8.4 12.6



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: 7.211 ng

RT: 20.39 min Scan# 2959

Delta R.T. -0.02 min

Lab File: BM017287.D

Acq: 23 Oct 2018 16:35

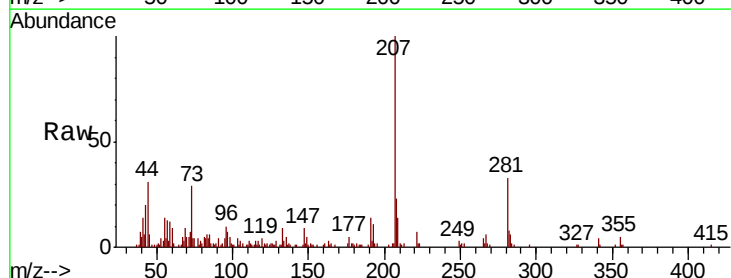
Tgt Ion:149 Resp: 1541

Ion Ratio Lower Upper

149 100

91 77.4 51.3 76.9#

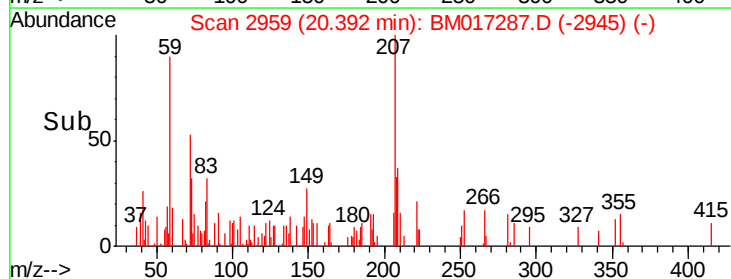
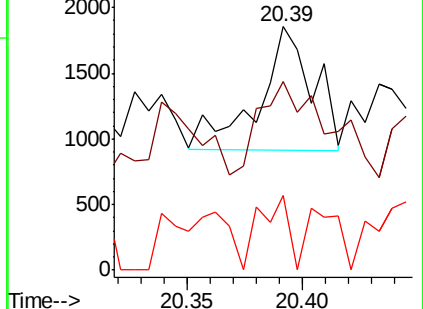
206 30.9 18.0 27.0#

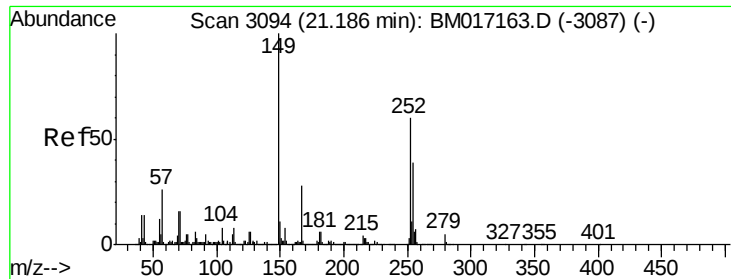


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

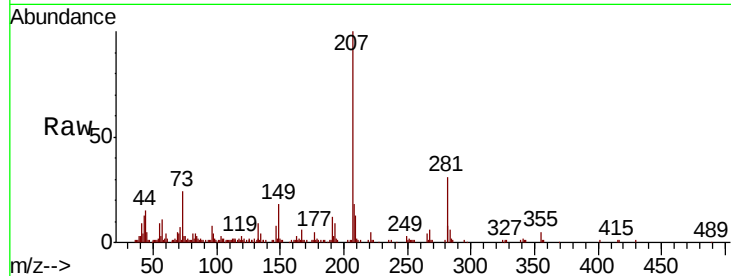




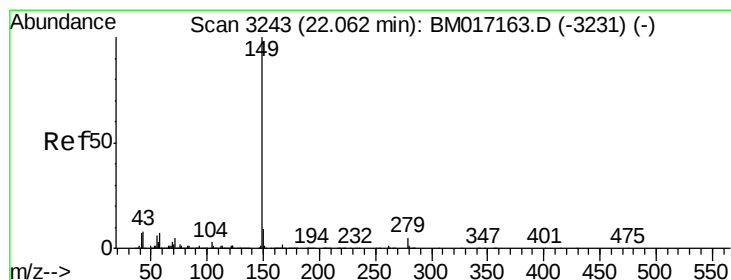
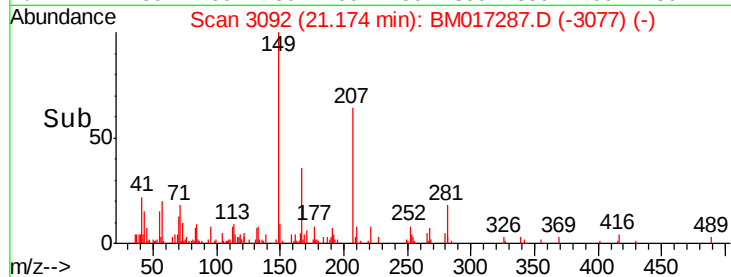
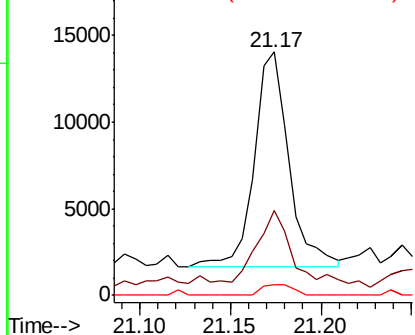
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.560 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017287.D
 Acq: 23 Oct 2018 16:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	34.8	22.2	33.4#
279	4.2	3.6	5.4

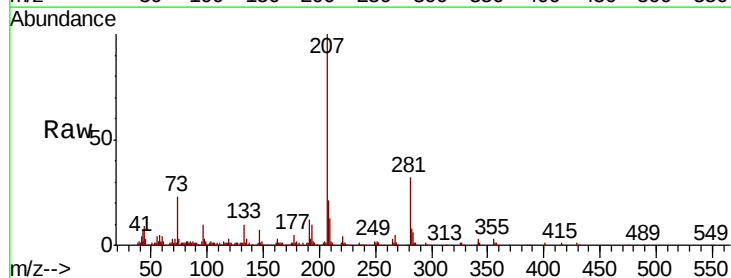


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

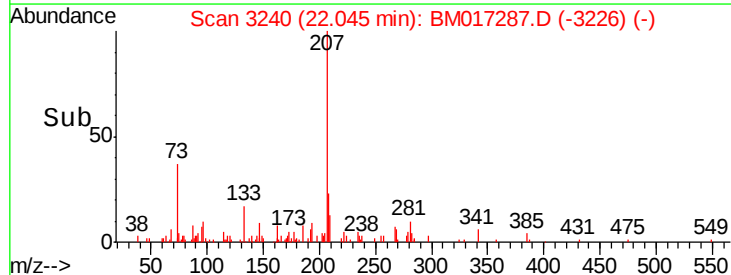
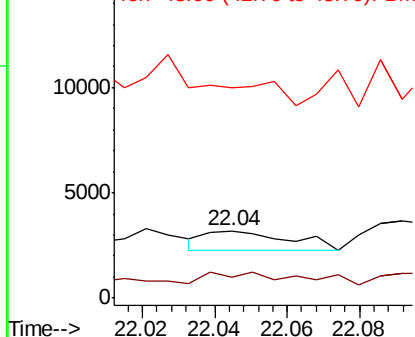


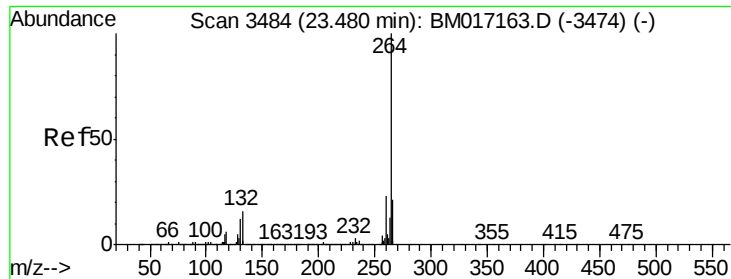
#85
 Di-n-octyl phthalate
 Concen: 5.585 ng
 RT: 22.04 min Scan# 3240
 Delta R.T. -0.02 min
 Lab File: BM017287.D
 Acq: 23 Oct 2018 16:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	69.5	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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.46 min Scan# 3480
 Delta R.T. -0.02 min
 Lab File: BM017287.D
 Acq: 23 Oct 2018 16:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 1525977
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 22.4 17.8 26.8

