

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019009.D
 Acq On : 04 Mar 2019 14:52
 Operator : JU/SJ
 Sample : K1638-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 05 03:33:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

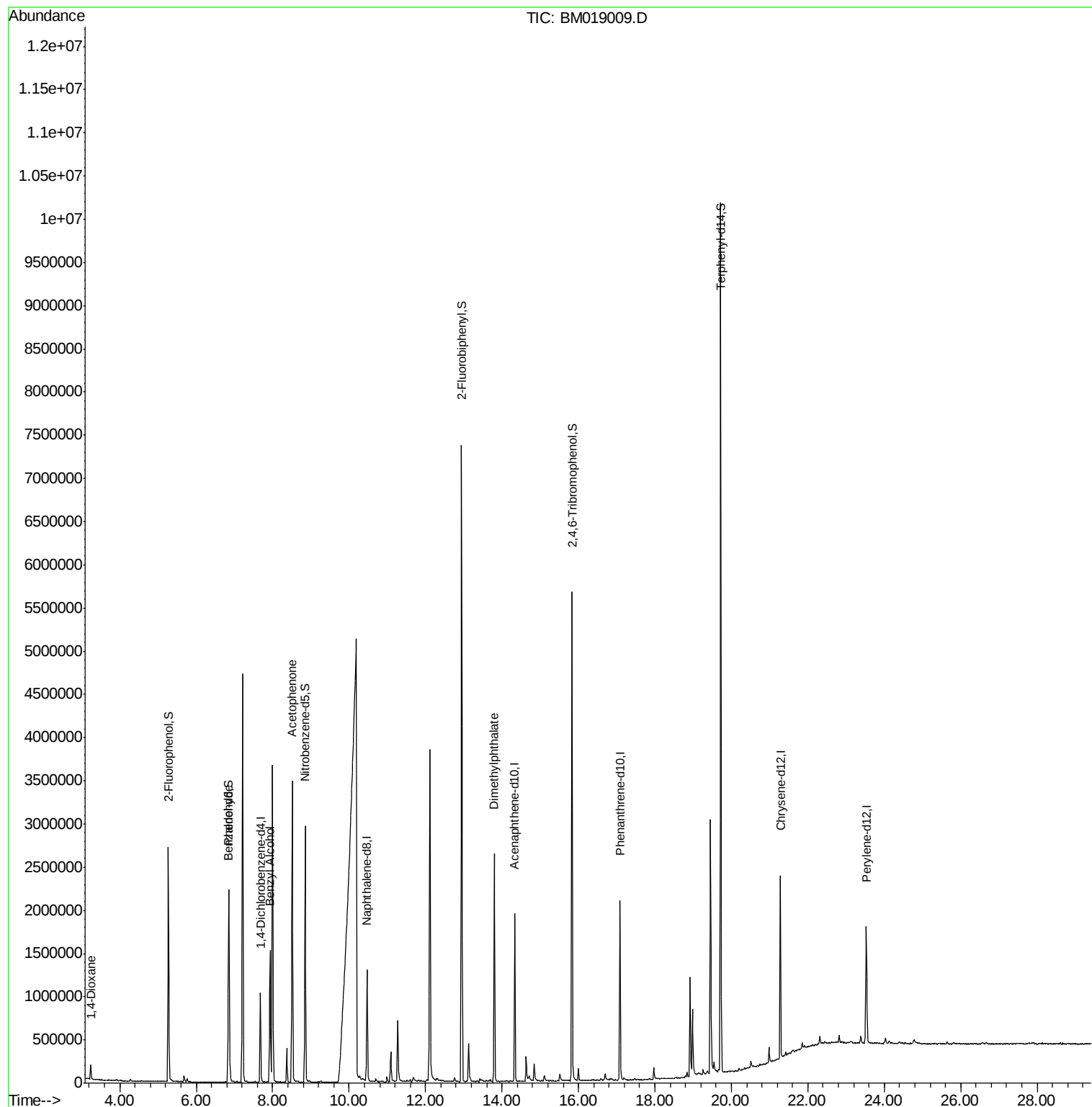
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	264362	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	1054063	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	578509	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1162576	20.00	ng	-0.03
76) Chrysene-d12	21.29	240	972689	20.00	ng	-0.02
87) Perylene-d12	23.53	264	982999	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1092340	67.70	ng	-0.03
7) Phenol-d6	6.86	99	991211	43.61	ng	-0.03
23) Nitrobenzene-d5	8.85	82	1913711	83.95	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	1034113	124.01	ng	-0.03
45) 2-Fluorobiphenyl	12.94	172	3567548	81.86	ng	-0.04
79) Terphenyl-d14	19.72	244	4312638	91.46	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.24	88	92202	13.120	ng	98
9) Benzaldehyde	6.84	77	435611	33.575	ng	100
15) Benzyl Alcohol	7.93	79	581684	32.207	ng	99
22) Acetophenone	8.51	105	1787134	61.739	ng	# 99
50) Dimethylphthalate	13.80	163	1574265	32.652	ng	100

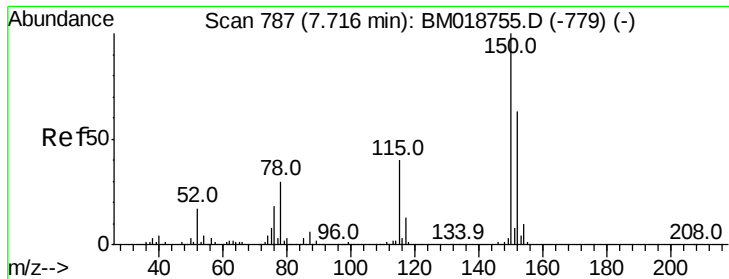
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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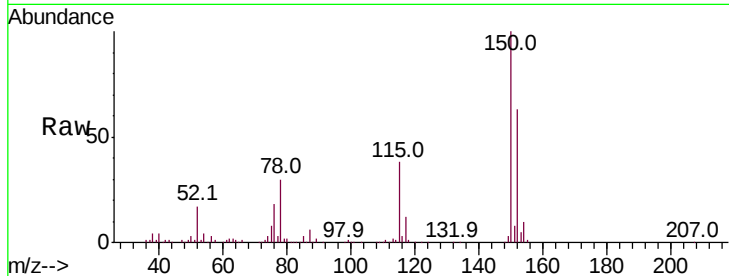


#1

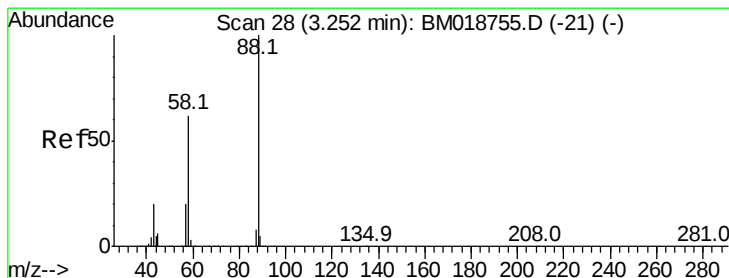
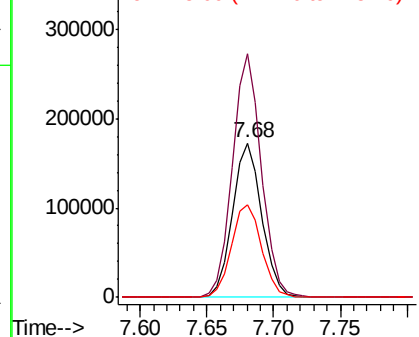
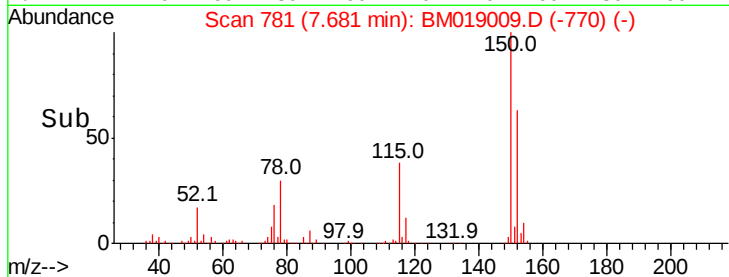
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM019009.D
Acq: 04 Mar 2019 14:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	127.3	190.9
115	59.8	50.8	76.2



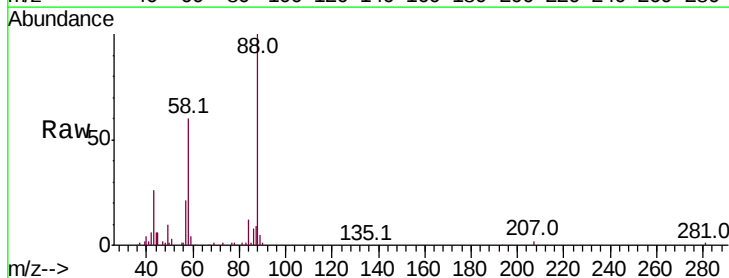
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



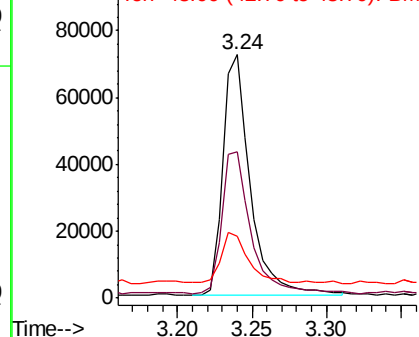
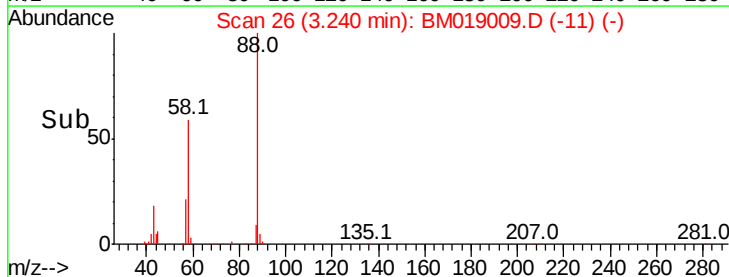
#2

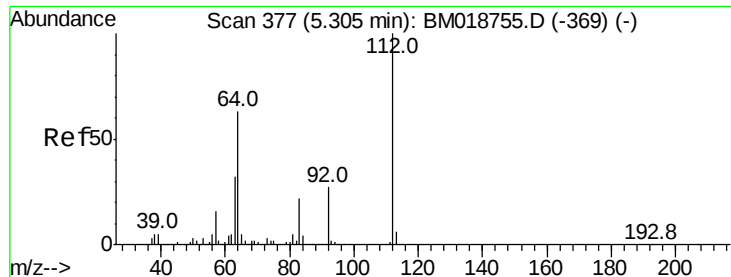
1,4-Dioxane
Concen: 13.120 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.01 min
Lab File: BM019009.D
Acq: 04 Mar 2019 14:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.4	49.8	74.6
43	23.3	16.7	25.1



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#5

2-Fluorophenol

Concen: 67.702 ng

RT: 5.27 min Scan# 372

Delta R.T. -0.03 min

Lab File: BM019009.D

Acq: 04 Mar 2019 14:52

Instrument :

BNA_M

ClientSampleId :

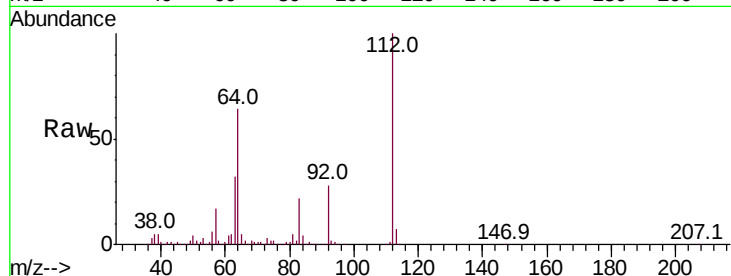
Tot Ion:112 Resp: 1092340

Ion Ratio Lower Upper

112 100

64 63.7 50.6 75.8

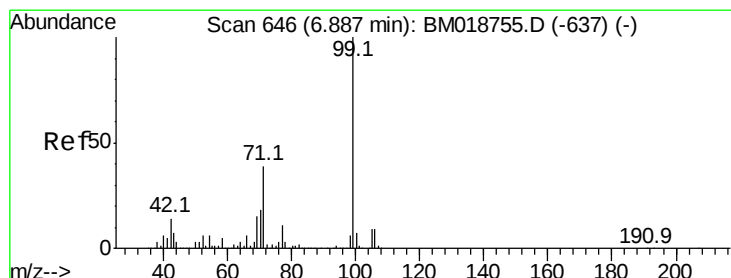
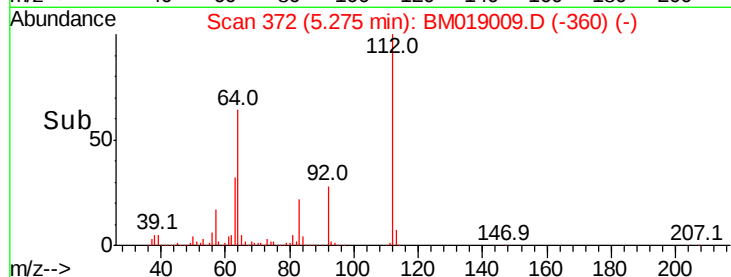
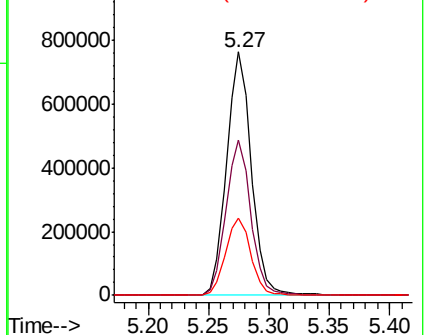
63 31.9 25.7 38.5



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: 43.609 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.03 min

Lab File: BM019009.D

Acq: 04 Mar 2019 14:52

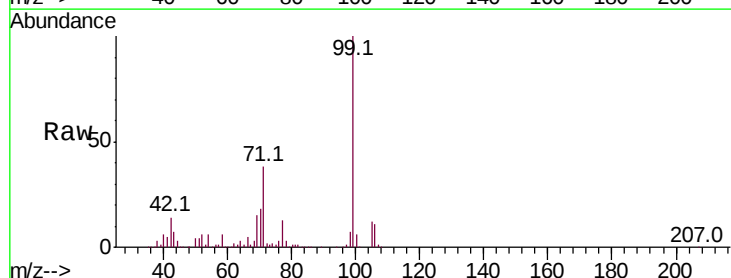
Tgt Ion: 99 Resp: 991211

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.6

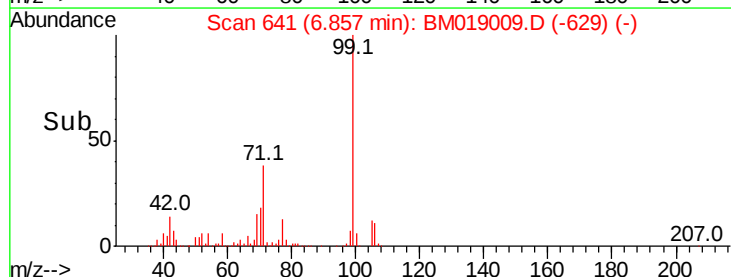
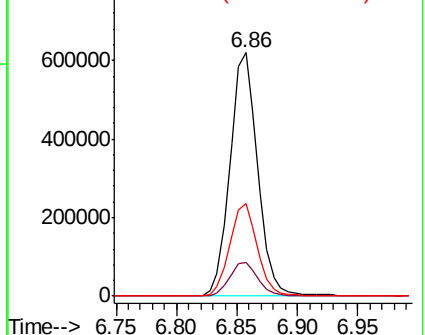
71 38.1 31.3 46.9

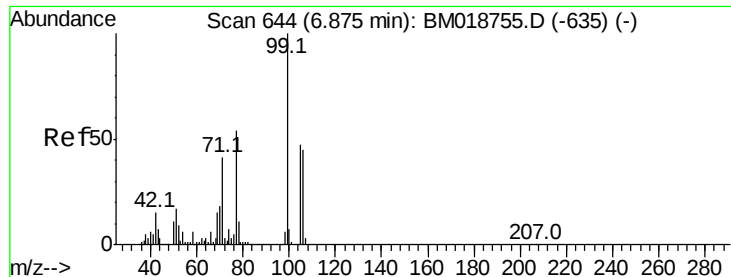


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#9

Benzaldehyde

Concen: 33.575 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.04 min

Lab File: BM019009.D

Acq: 04 Mar 2019 14:52

Instrument :

BNA_M

ClientSampleId :

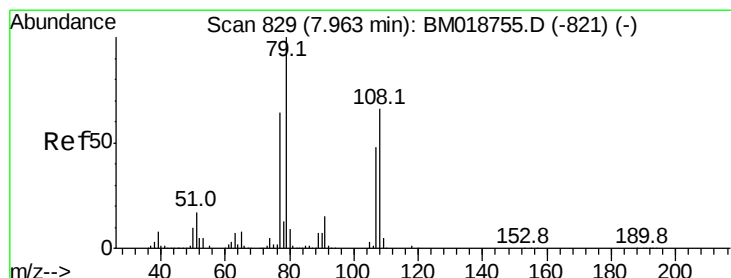
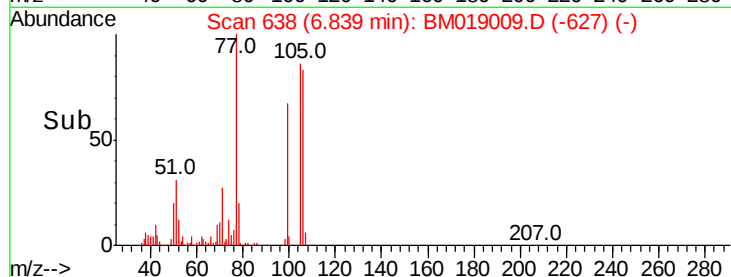
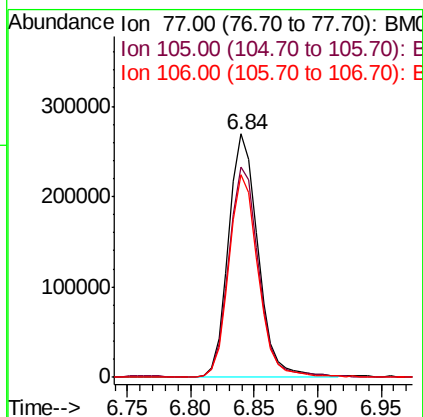
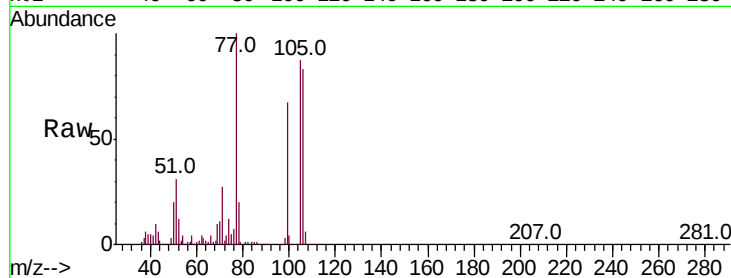
Tot Ion: 77 Resp: 435611

Ion Ratio Lower Upper

77 100

105 86.6 67.3 107.3

106 83.1 62.9 102.9



#15

Benzyl Alcohol

Concen: 32.207 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM019009.D

Acq: 04 Mar 2019 14:52

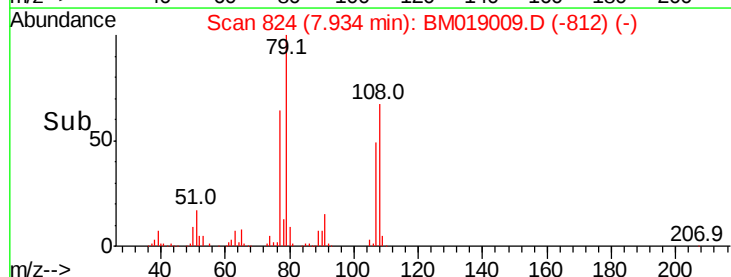
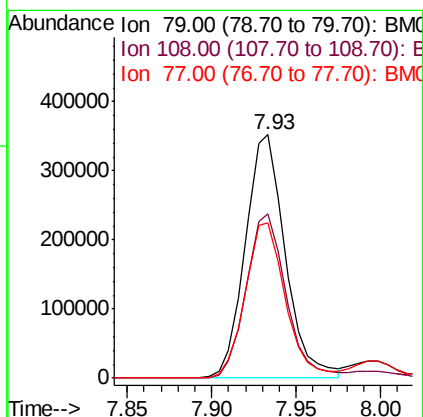
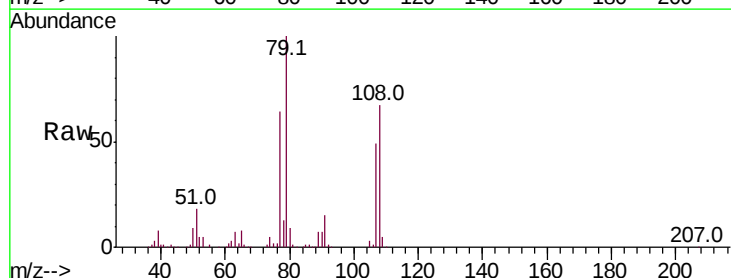
Tgt Ion: 79 Resp: 581684

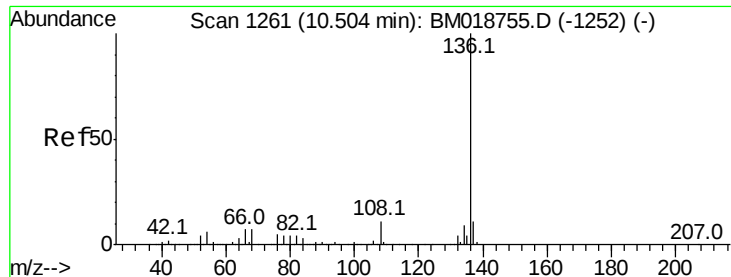
Ion Ratio Lower Upper

79 100

108 67.5 52.7 79.1

77 63.6 51.0 76.4

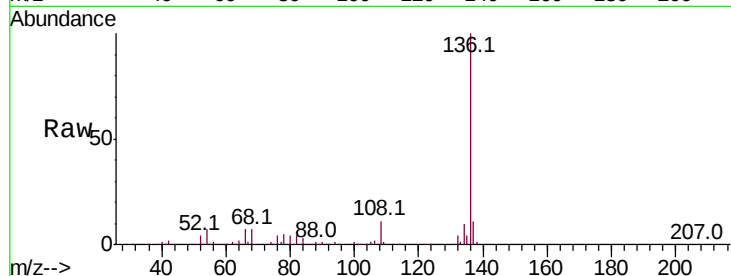




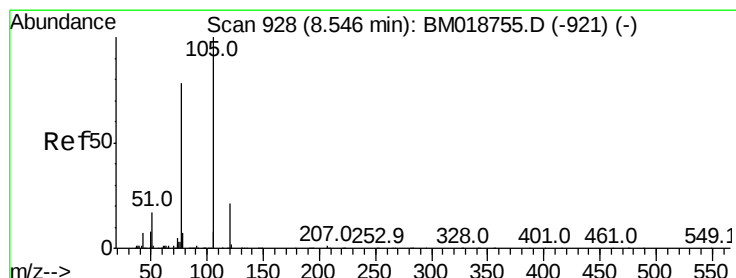
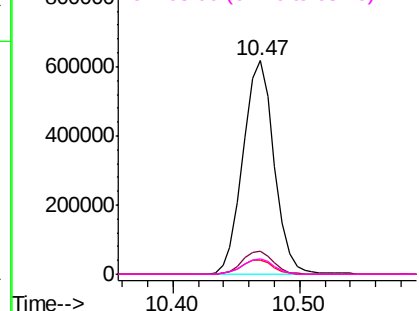
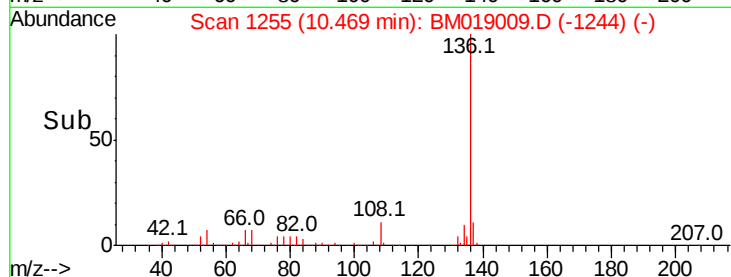
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1255
Delta R.T. -0.04 min
Lab File: BM019009.D
Acq: 04 Mar 2019 14:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	136	Resp:	1054063
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.6	5.0	7.6
68	7.5	5.5	8.3

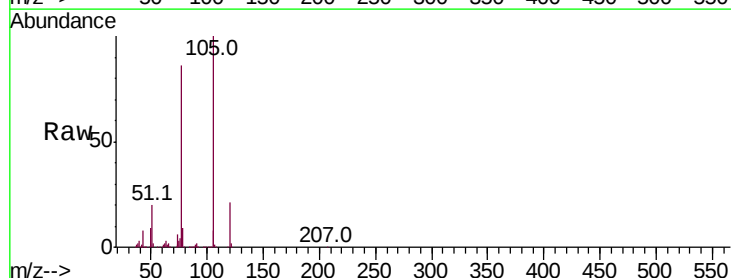


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

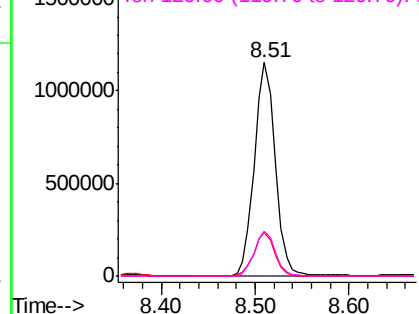
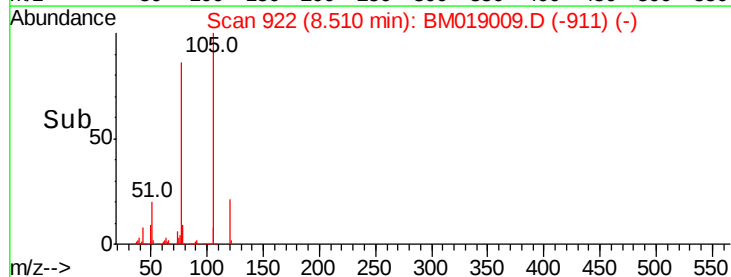


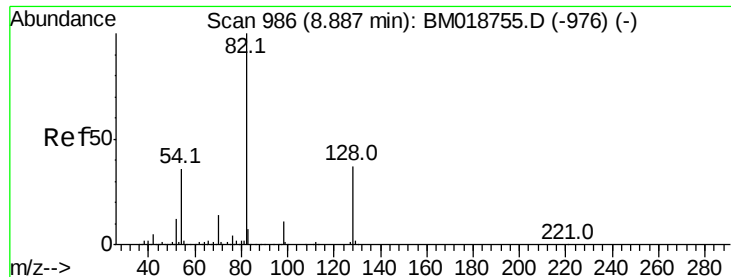
#22
Acetophenone
Concen: 61.739 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.04 min
Lab File: BM019009.D
Acq: 04 Mar 2019 14:52

Tgt Ion:	105	Resp:	1787134
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.1	1.7#
51	20.2	15.5	23.3
120	21.1	17.0	25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.949 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.04 min

Lab File: BM019009.D

Acq: 04 Mar 2019 14:52

Instrument :

BNA_M

ClientSampleId :

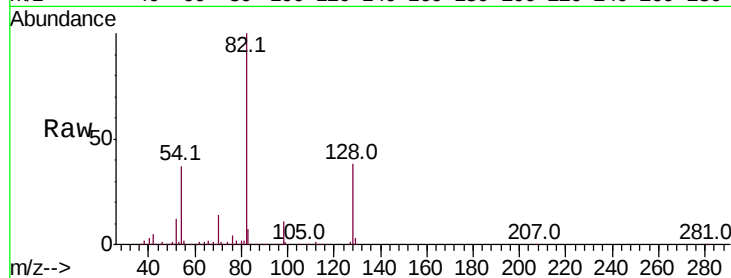
Tot Ion: 82 Resp: 1913711

Ion Ratio Lower Upper

82 100

128 37.8 29.9 44.9

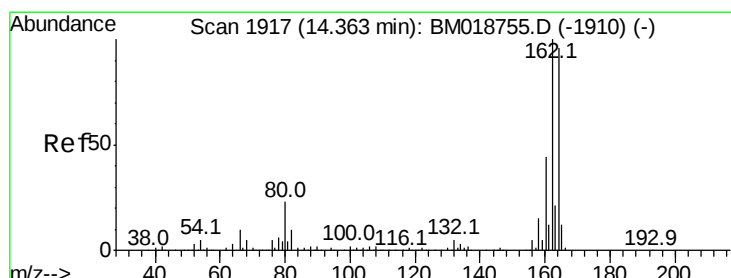
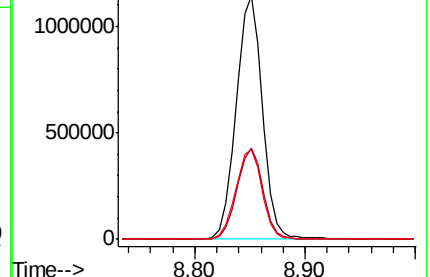
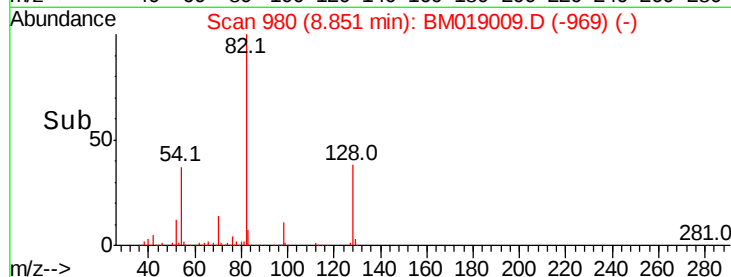
54 36.8 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1912

Delta R.T. -0.03 min

Lab File: BM019009.D

Acq: 04 Mar 2019 14:52

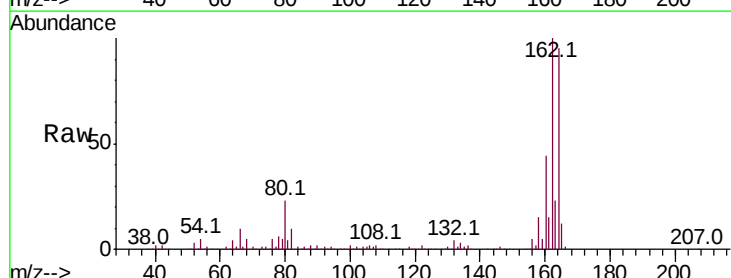
Tgt Ion:164 Resp: 578509

Ion Ratio Lower Upper

164 100

162 105.0 83.4 125.0

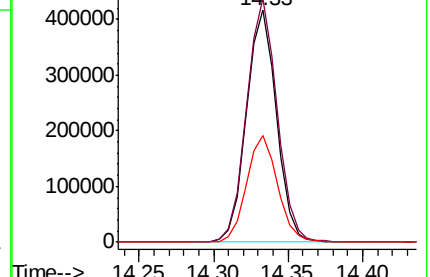
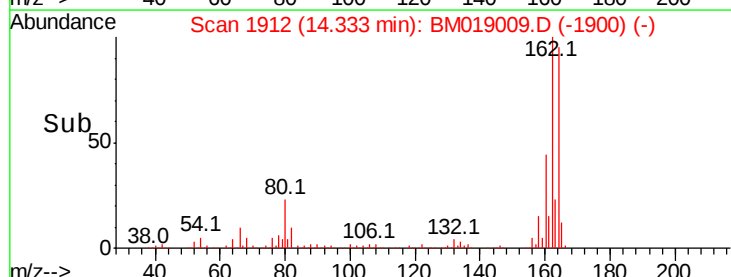
160 46.0 36.6 55.0

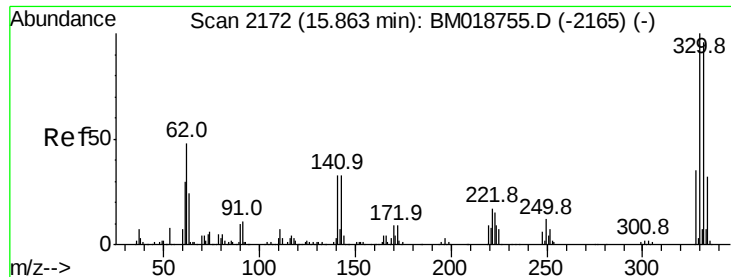


Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)

Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)

Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)

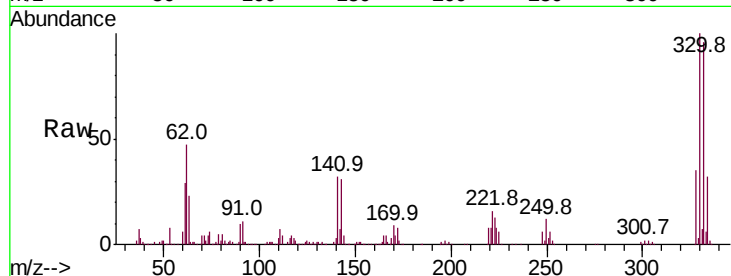




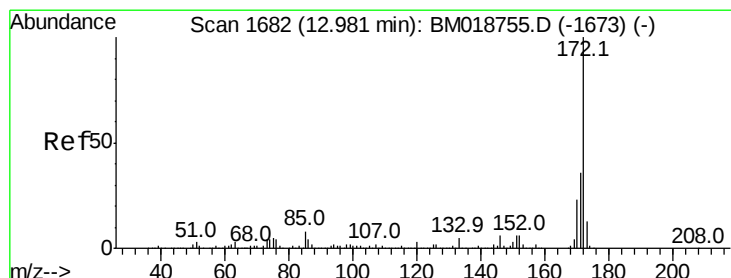
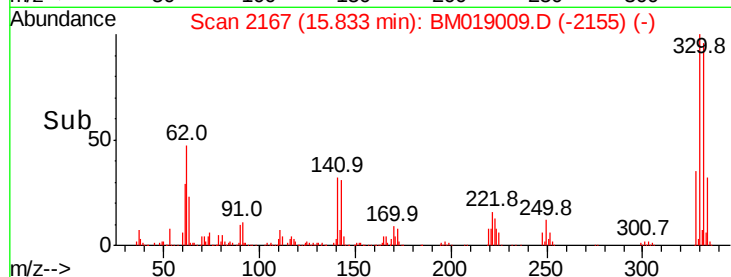
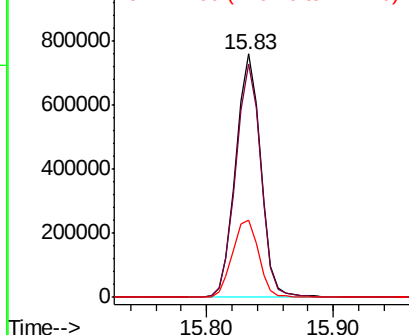
#42
 2,4,6-Tribromophenol
 Concen: 124.009 ng
 RT: 15.83 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BM019009.D
 Acq: 04 Mar 2019 14:52

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 1034113
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.9 115.3
 141 33.5 28.7 43.1

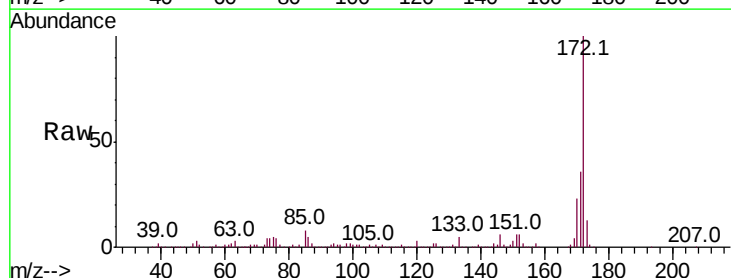


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

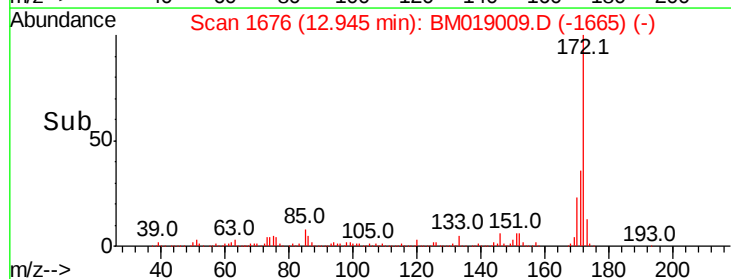
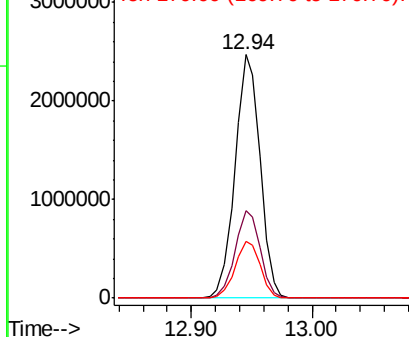


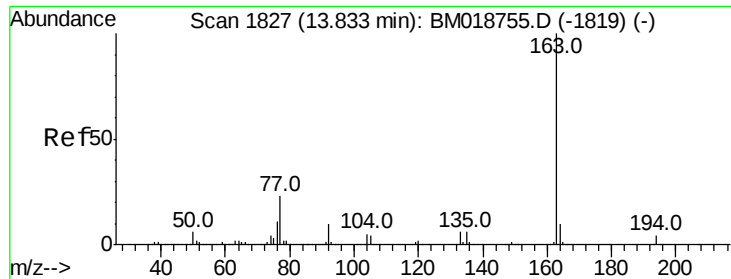
#45
 2-Fluorobiphenyl
 Concen: 81.863 ng
 RT: 12.94 min Scan# 1676
 Delta R.T. -0.04 min
 Lab File: BM019009.D
 Acq: 04 Mar 2019 14:52

Tgt Ion:172 Resp: 3567548
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 23.4 18.6 28.0



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

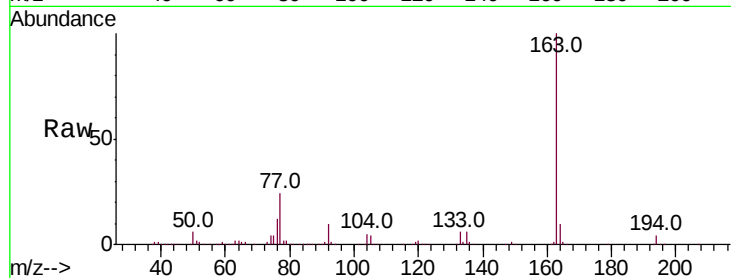




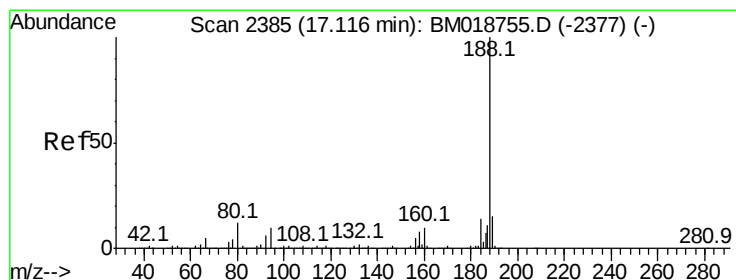
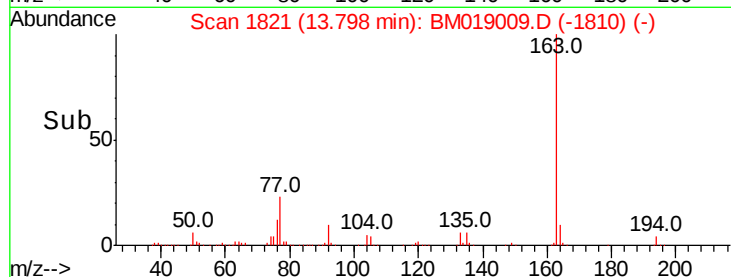
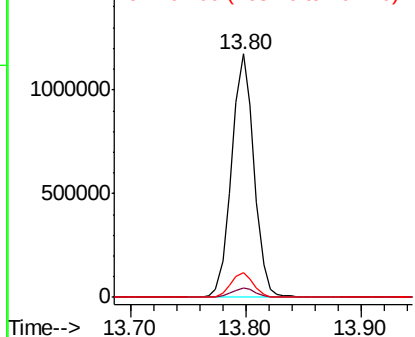
#50
Dimethylphthalate
Concen: 32.652 ng
RT: 13.80 min Scan# 1821
Delta R.T. -0.04 min
Lab File: BM019009.D
Acq: 04 Mar 2019 14:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 1574265
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.0 7.8 11.8

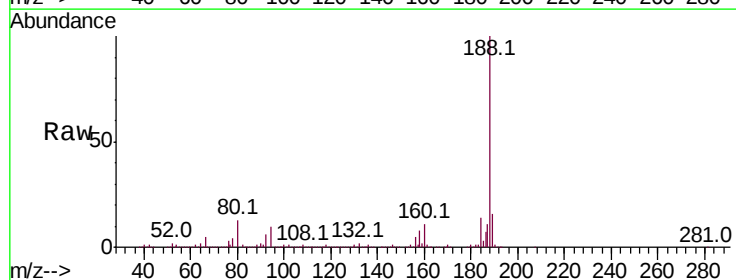


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

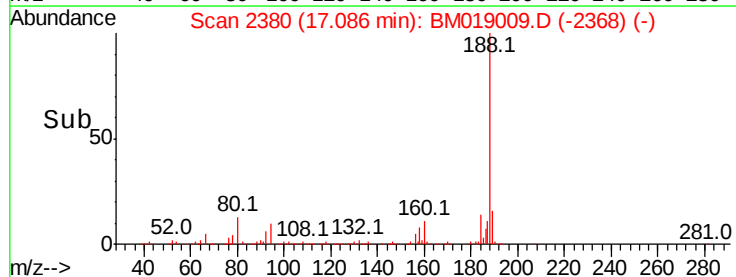
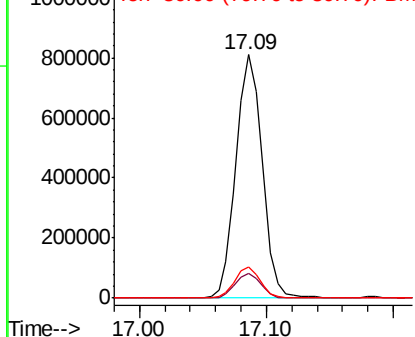


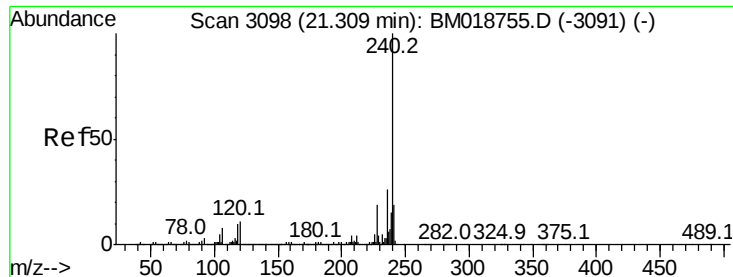
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM019009.D
Acq: 04 Mar 2019 14:52

Tgt Ion:188 Resp: 1162576
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 12.7 9.7 14.5



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

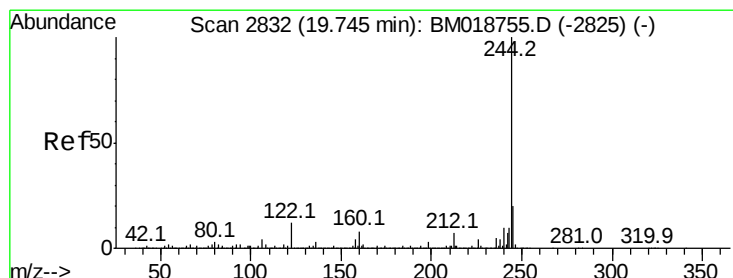
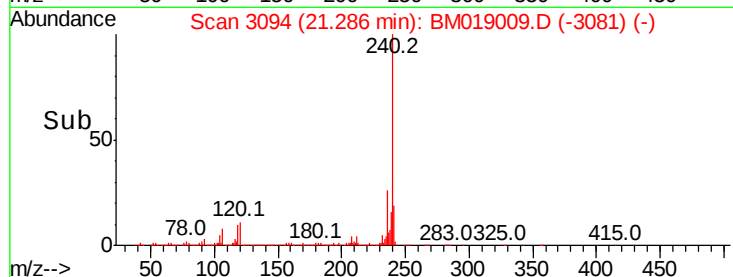
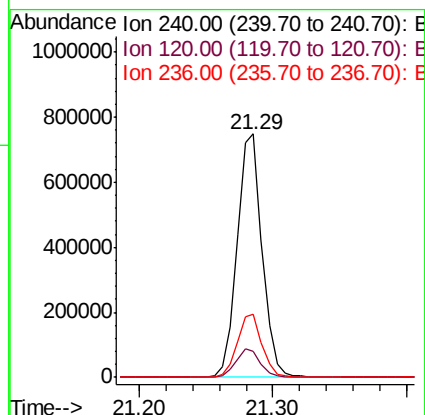
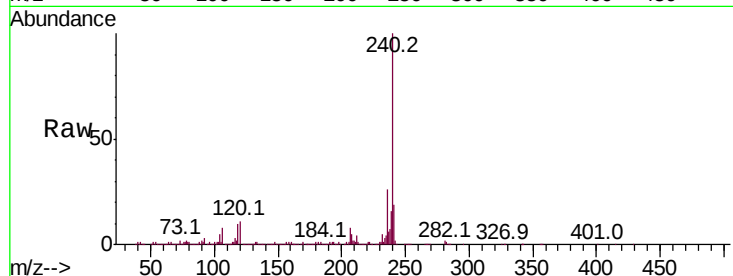




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.29 min Scan# 3094
 Delta R.T. -0.02 min
 Lab File: BM019009.D
 Acq: 04 Mar 2019 14:52

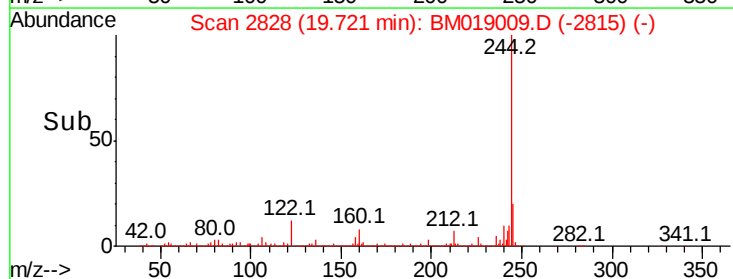
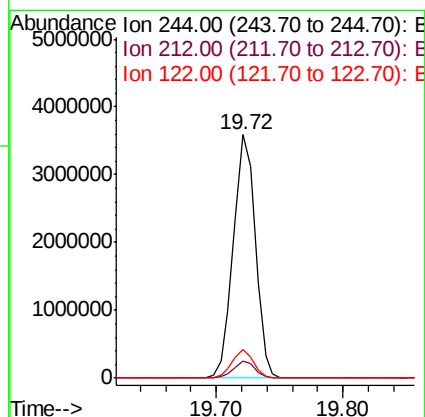
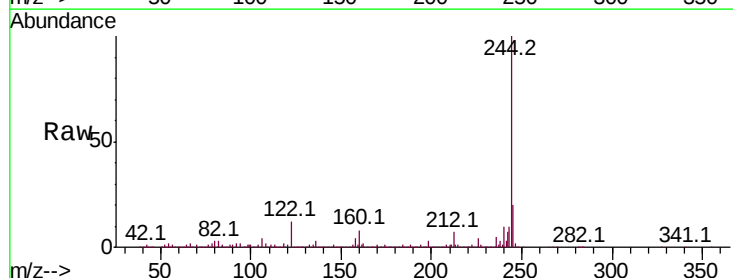
Instrument :
 BNA_M
 ClientSampled :

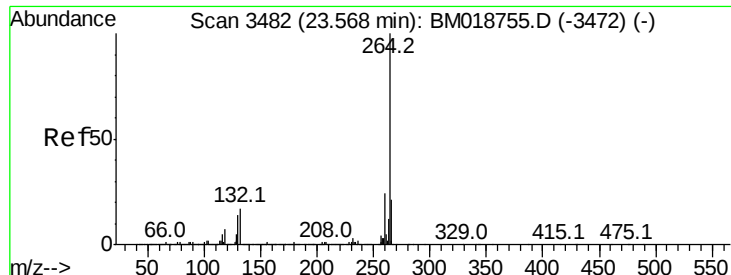
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	25.8	20.9	31.3



#79
 Terphenyl-d14
 Concen: 91.463 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.02 min
 Lab File: BM019009.D
 Acq: 04 Mar 2019 14:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	12.0	9.3	13.9

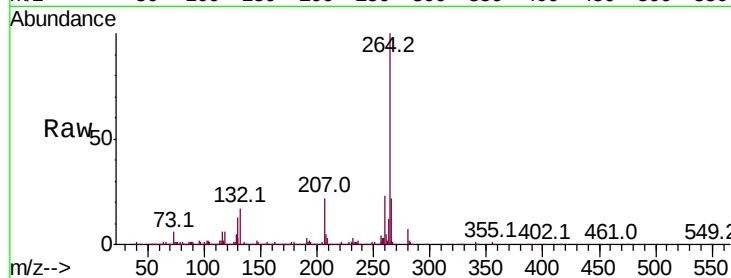




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.53 min Scan# 3476
Delta R.T. -0.04 min
Lab File: BM019009.D
Acq: 04 Mar 2019 14:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.8	17.3	25.9



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

