

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022019\
 Data File : BM018879.D
 Acq On : 20 Feb 2019 12:01
 Operator : JU/SJ
 Sample : K1528-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 20 13:41:33 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

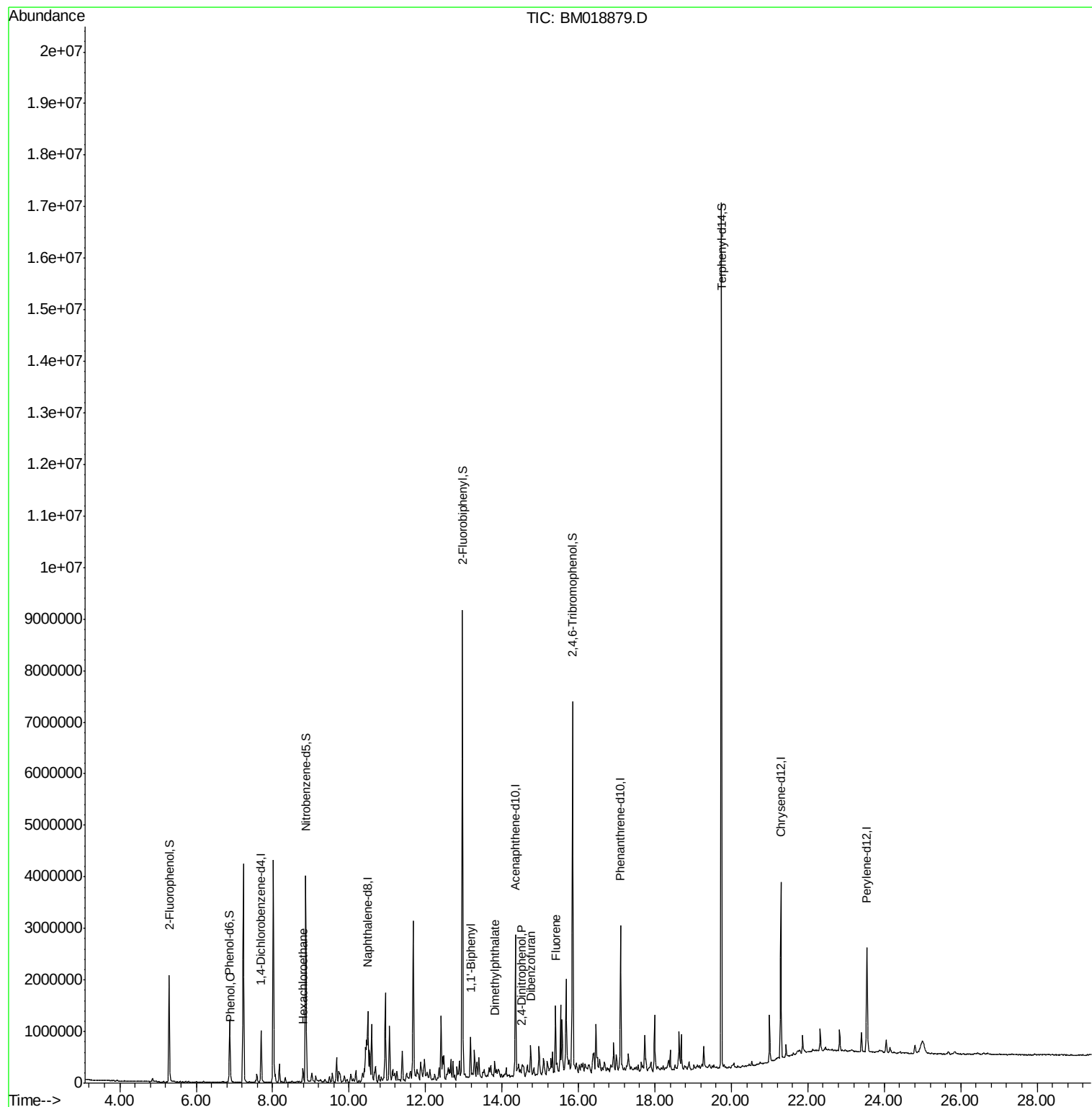
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	257638	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	1079590	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	665508	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1553635	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1578632	20.00	ng	-0.01
87) Perylene-d12	23.54	264	1406858	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	857032	54.50	ng	-0.01
7) Phenol-d6	6.87	99	713245	32.20	ng	-0.01
23) Nitrobenzene-d5	8.87	82	2264779	97.00	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	1261241	131.47	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	4518453	90.13	ng	-0.01
79) Terphenyl-d14	19.74	244	7121619	93.06	ng	0.00
Target Compounds						
9) Benzaldehyde	6.87	77	3081	Below Cal		Qvalue # 27
10) Phenol	6.90	94	48424	2.078 ng		89
18) Hexachloroethane	8.79	117	106216	14.723 ng	#	10
46) 1,1'-Biphenyl	13.17	154	282167	4.926 ng		99
50) Dimethylphthalate	13.81	163	142869	2.576 ng		98
54) 2,4-Dinitrophenol	14.50	184	237	5.791 ng	#	1
55) Dibenzofuran	14.75	168	321946	4.849 ng		97
58) Fluorene	15.40	166	596012	11.733 ng		100

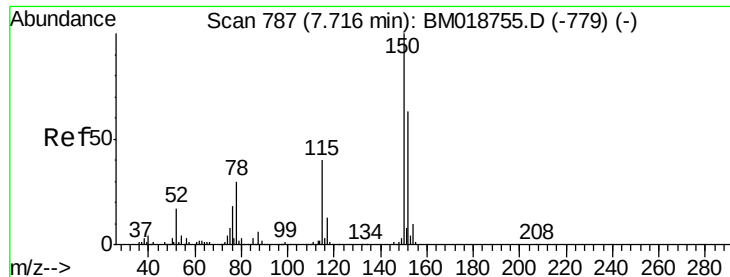
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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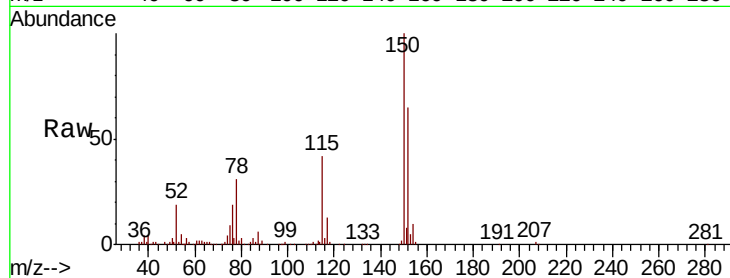


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.70 min Scan# 784
 Delta R.T. -0.02 min
 Lab File: BM018879.D
 Acq: 20 Feb 2019 12:01

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	127.3	190.9
115	64.5	50.8	76.2

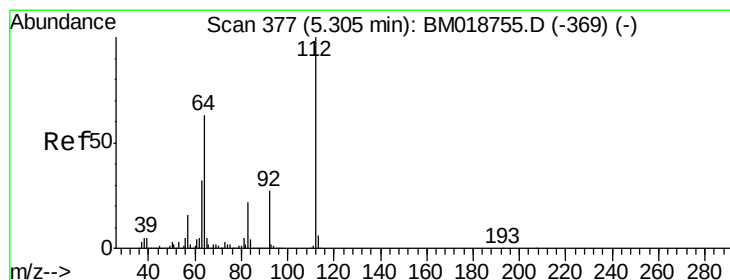
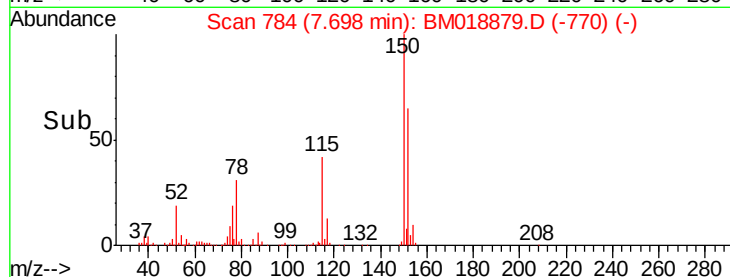
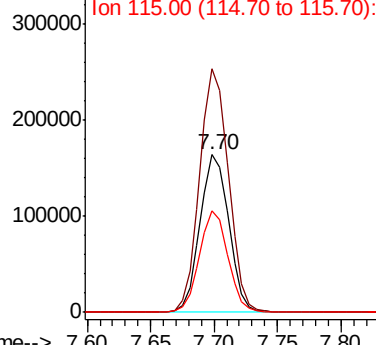


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

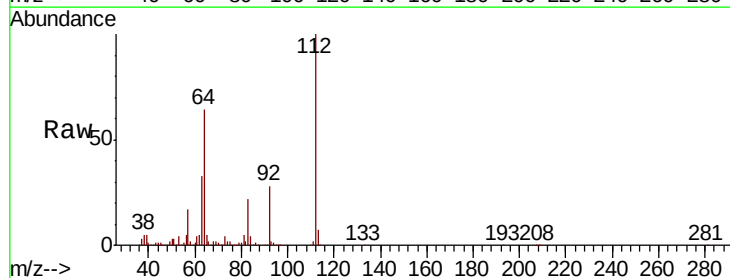
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 54.504 ng
 RT: 5.29 min Scan# 375
 Delta R.T. -0.01 min
 Lab File: BM018879.D
 Acq: 20 Feb 2019 12:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	50.6	75.8
63	33.5	25.7	38.5

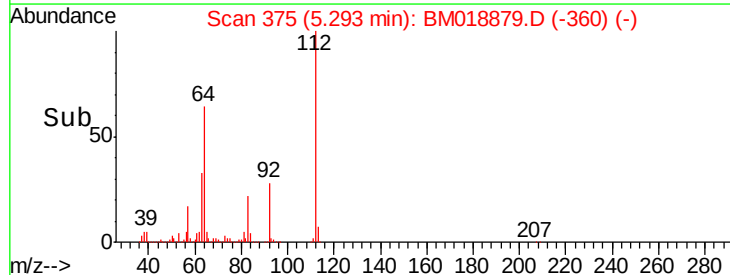
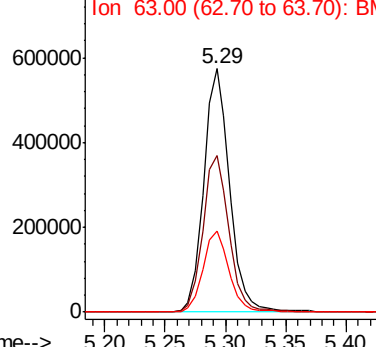


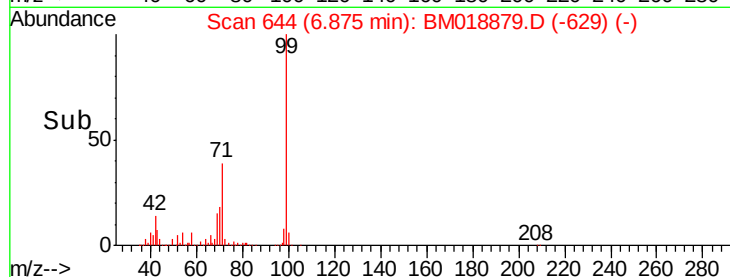
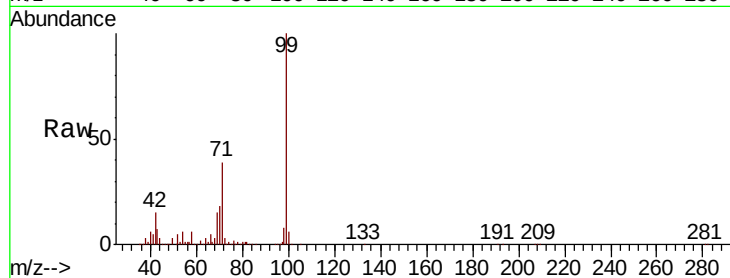
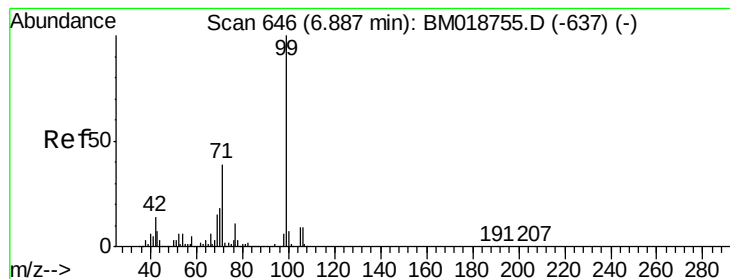
Abundance

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: 32.198 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018879.D

Acq: 20 Feb 2019 12:01

Instrument :

BNA_M

ClientSampled :

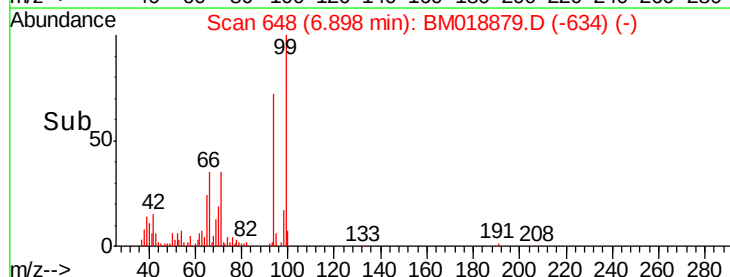
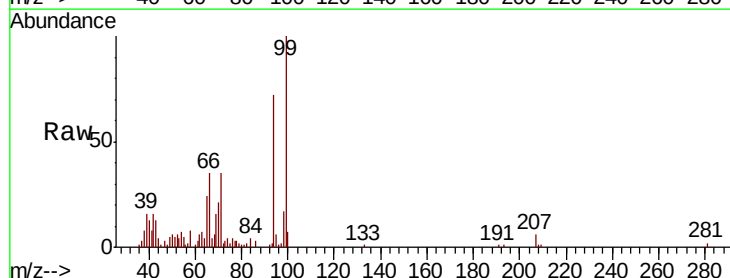
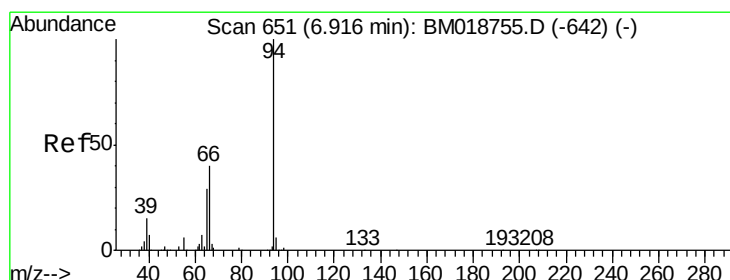
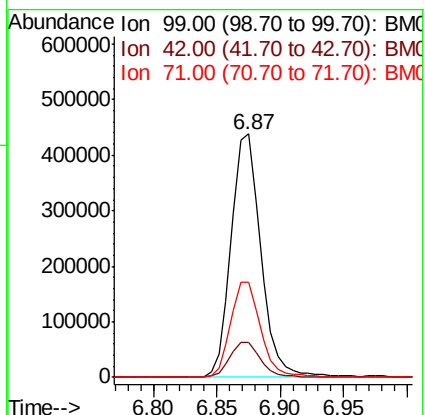
Tot Ion: 99 Resp: 713245

Ion Ratio Lower Upper

99 100

42 14.5 11.0 16.6

71 38.9 31.3 46.9



#10

Phenol

Concen: 2.078 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.02 min

Lab File: BM018879.D

Acq: 20 Feb 2019 12:01

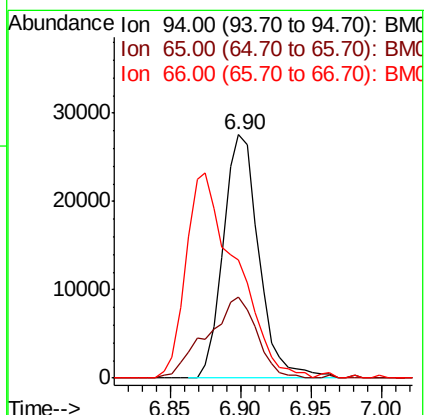
Tgt Ion: 94 Resp: 48424

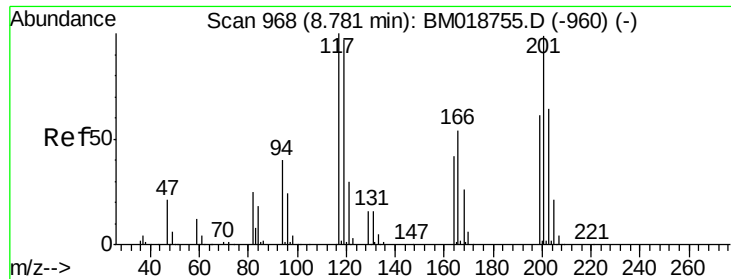
Ion Ratio Lower Upper

94 100

65 33.4 9.6 49.6

66 48.7 20.4 60.4

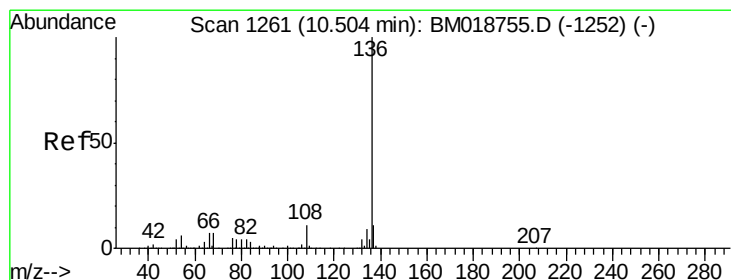
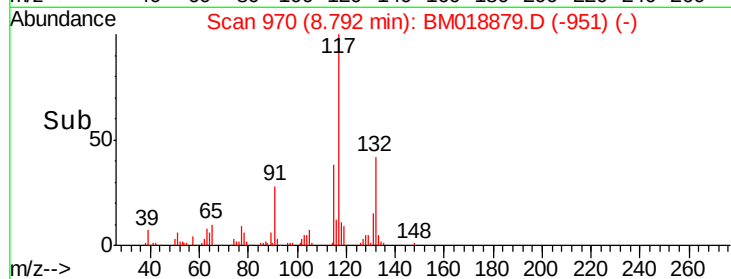
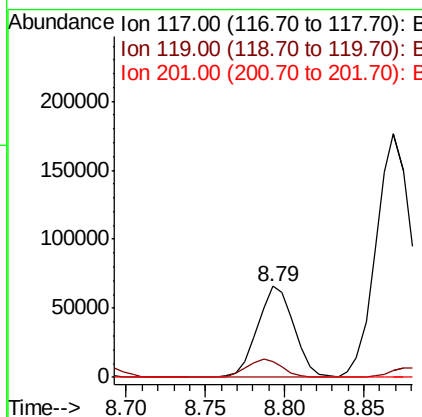
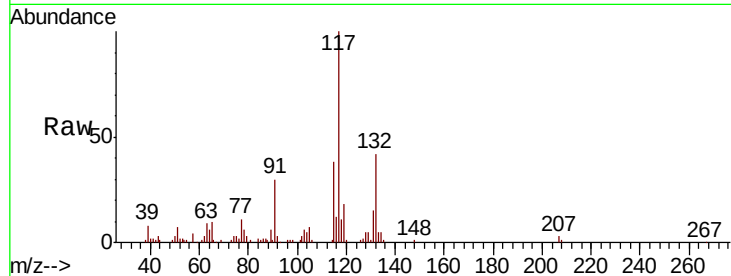




#18
Hexachloroethane
Concen: 14.723 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BM018879.D
Acq: 20 Feb 2019 12:01

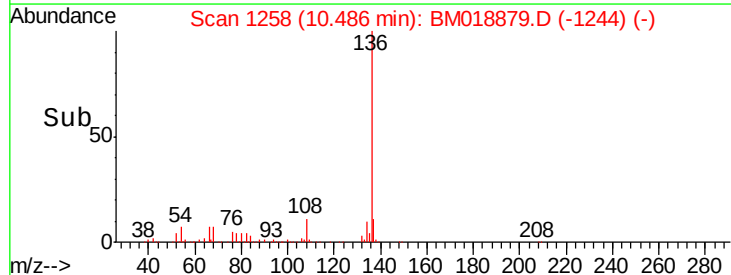
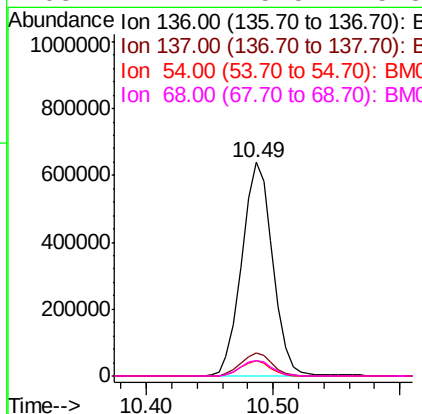
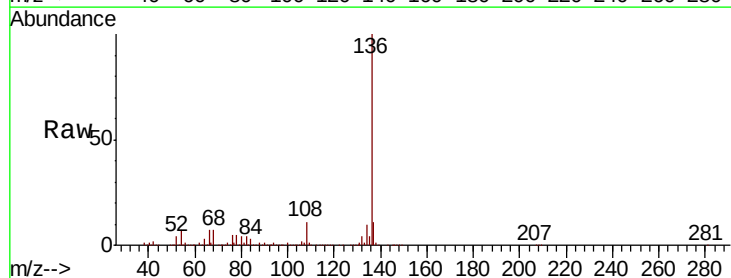
Instrument :
BNA_M
ClientSampleId :

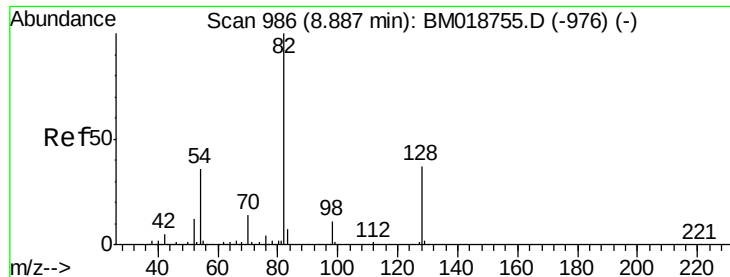
Tot Ion:117 Resp: 106216
Ion Ratio Lower Upper
117 100
119 17.6 77.9 116.9#
201 0.0 79.2 118.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BM018879.D
Acq: 20 Feb 2019 12:01

Tgt Ion:136 Resp: 1079590
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.1 5.0 7.6
68 7.4 5.5 8.3



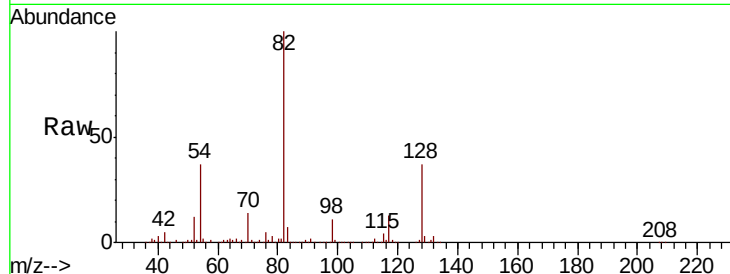


#23
 Nitrobenzene-d5
 Concen: 97.000 ng
 RT: 8.87 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BM018879.D
 Acq: 20 Feb 2019 12:01

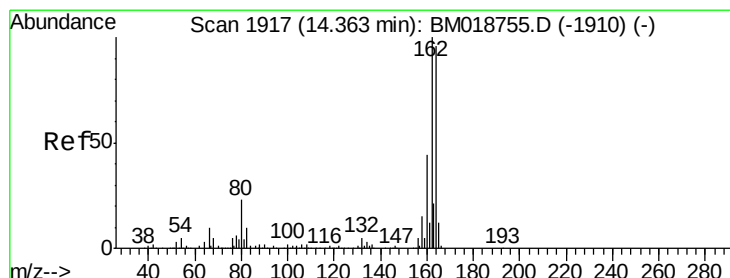
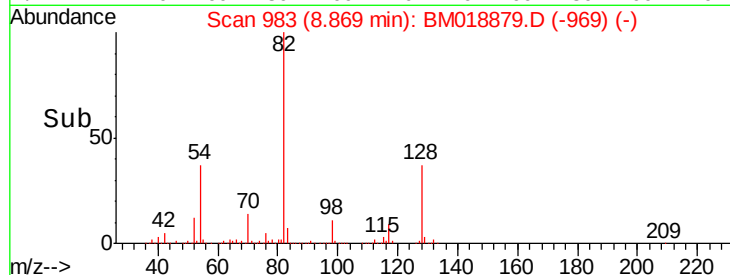
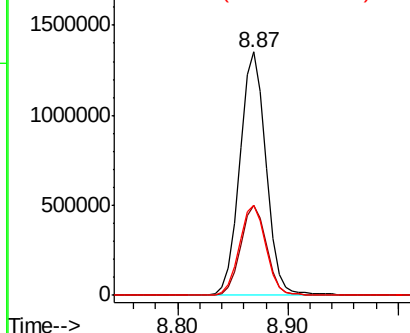
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 2264779

Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.9	44.9
54	37.0	29.1	43.7



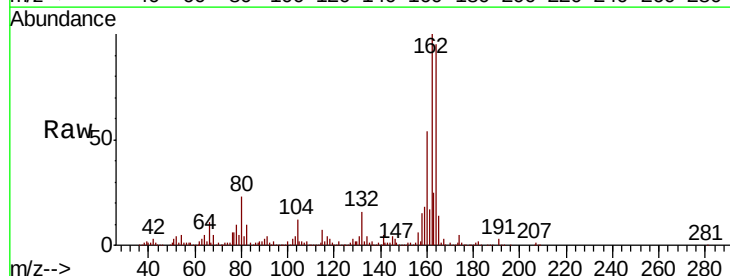
Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
 Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
 Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)



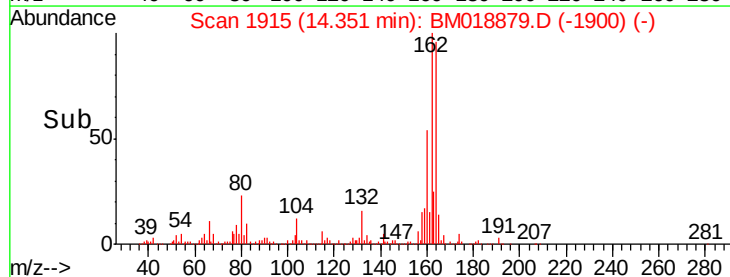
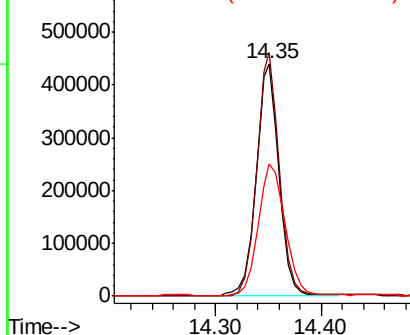
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.35 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: BM018879.D
 Acq: 20 Feb 2019 12:01

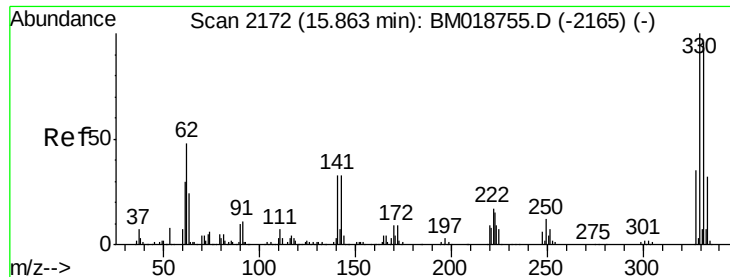
Tgt Ion:164 Resp: 665508

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.4	125.0
160	57.0	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) (-)

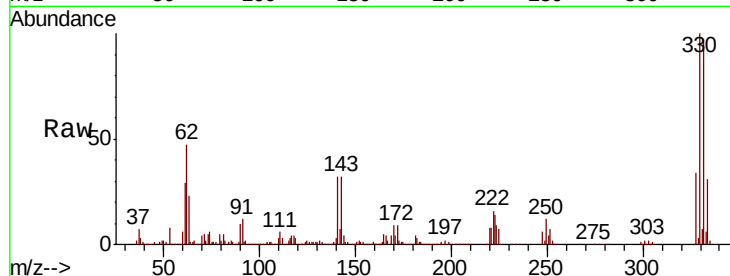




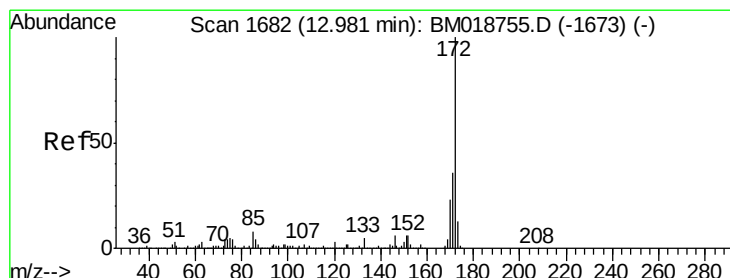
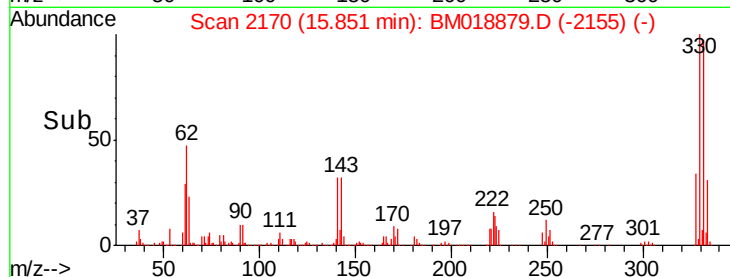
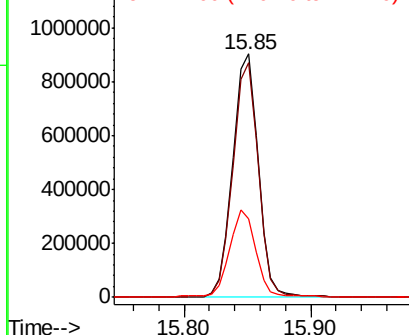
#42
 2,4,6-Tribromophenol
 Concen: 131.474 ng
 RT: 15.85 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM018879.D
 Acq: 20 Feb 2019 12:01

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1261241
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.9 115.3
 141 36.5 28.7 43.1

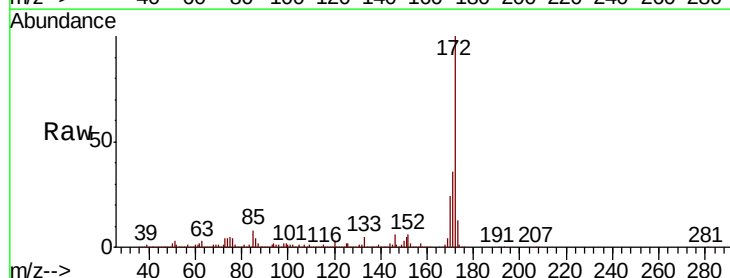


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

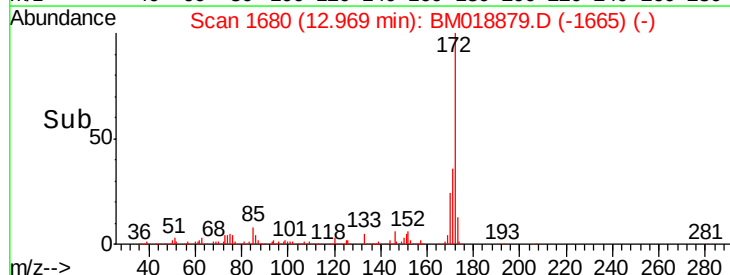
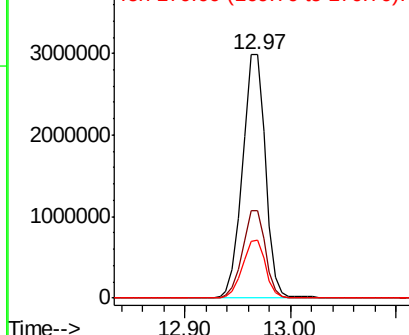


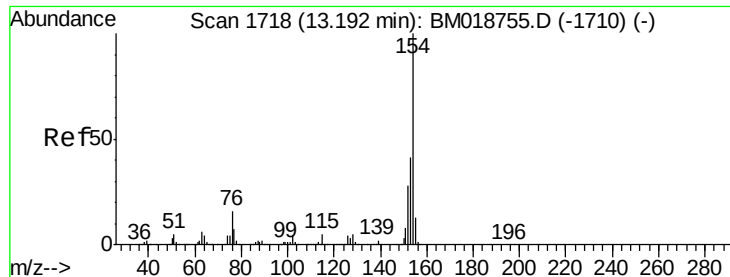
#45
 2-Fluorobiphenyl
 Concen: 90.129 ng
 RT: 12.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM018879.D
 Acq: 20 Feb 2019 12:01

Tgt Ion:172 Resp: 4518453
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 23.6 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





#46

1,1'-Biphenyl

Concen: 4.926 ng

RT: 13.17 min Scan# 1715

Delta R.T. -0.02 min

Lab File: BM018879.D

Acq: 20 Feb 2019 12:01

Instrument :

BNA_M

ClientSampleId :

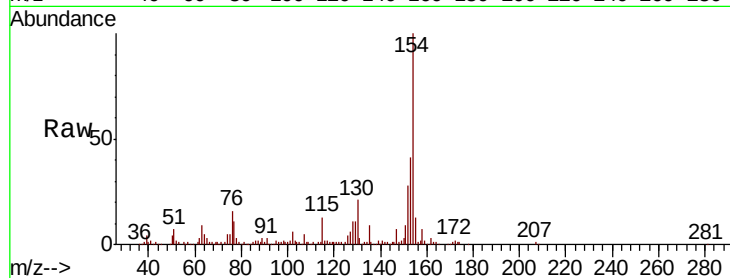
Tot Ion:154 Resp: 282167

Ion Ratio Lower Upper

154 100

153 40.6 21.1 61.1

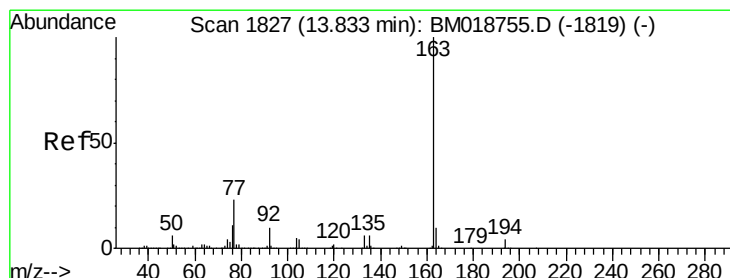
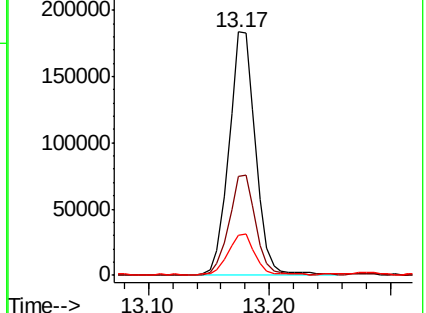
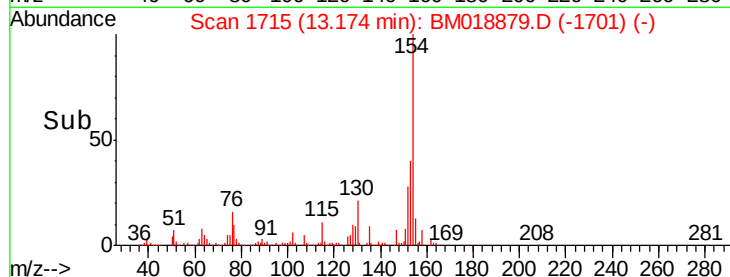
76 16.4 0.0 35.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#50

Dimethylphthalate

Concen: 2.576 ng

RT: 13.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BM018879.D

Acq: 20 Feb 2019 12:01

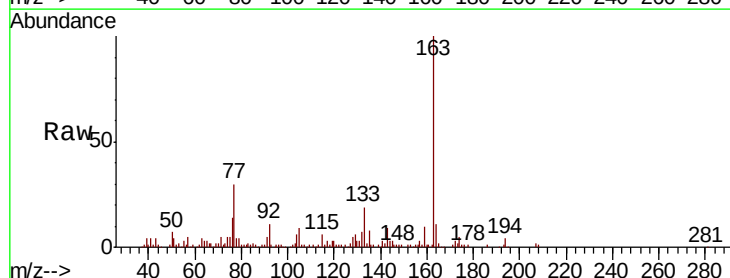
Tgt Ion:163 Resp: 142869

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

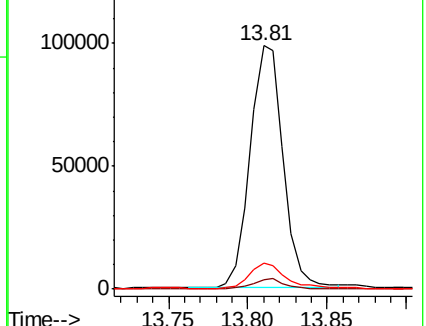
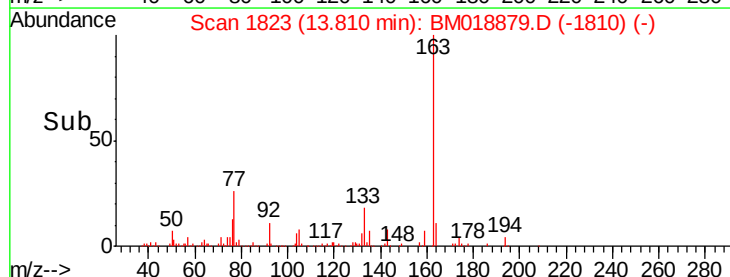
164 10.8 7.8 11.8

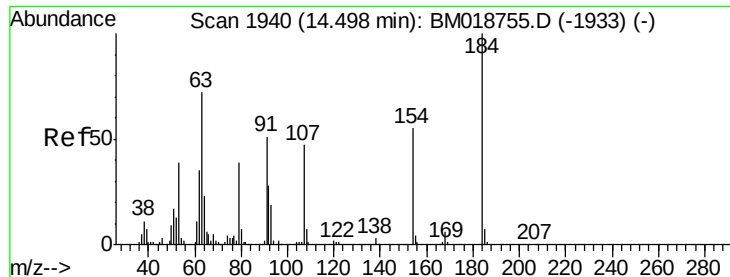


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#54

2,4-Dinitrophenol

Concen: 5.791 ng

RT: 14.50 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BM018879.D

Acq: 20 Feb 2019 12:01

Instrument :

BNA_M

ClientSampleId :

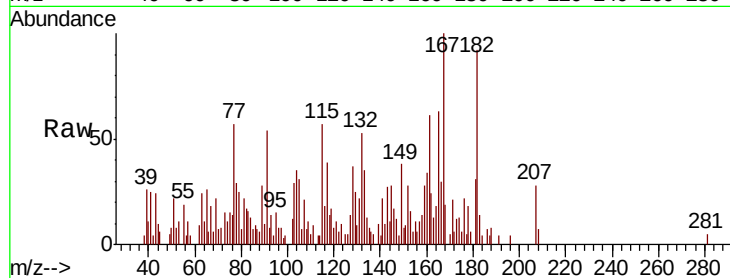
Tot Ion:184 Resp: 237

Ion Ratio Lower Upper

184 100

63 620.2 58.0 87.0#

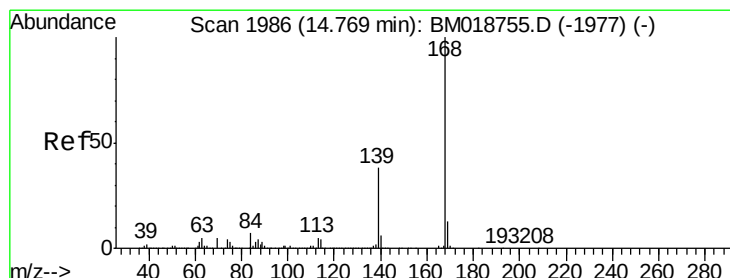
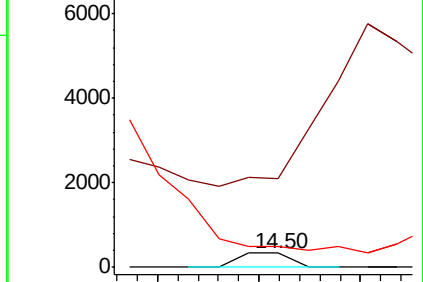
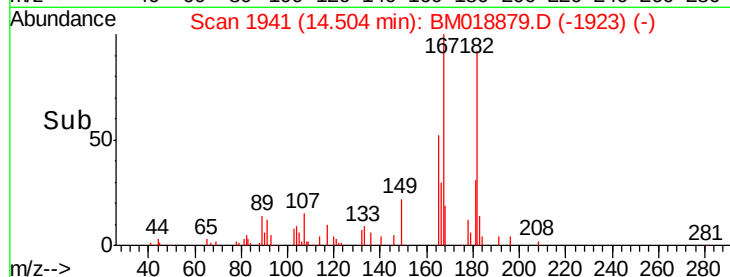
154 142.9 50.3 75.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 4.849 ng

RT: 14.75 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BM018879.D

Acq: 20 Feb 2019 12:01

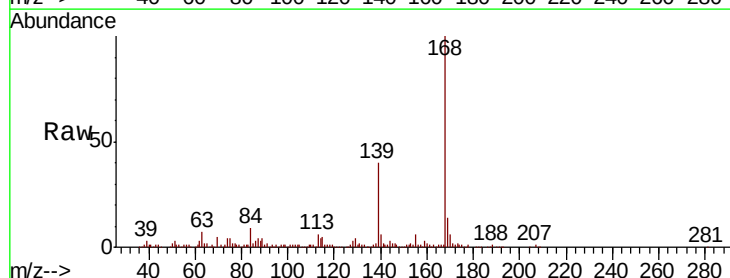
Tgt Ion:168 Resp: 321946

Ion Ratio Lower Upper

168 100

139 39.7 30.7 46.1

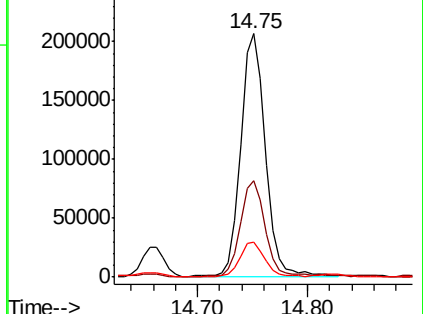
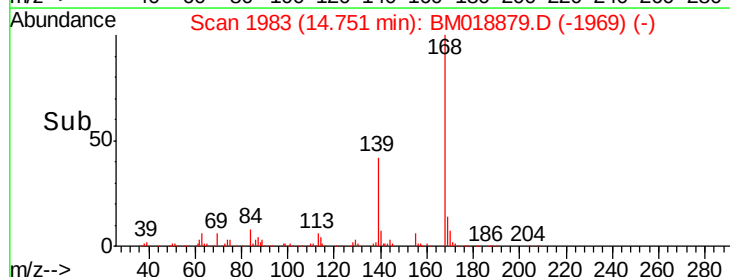
169 14.5 10.3 15.5

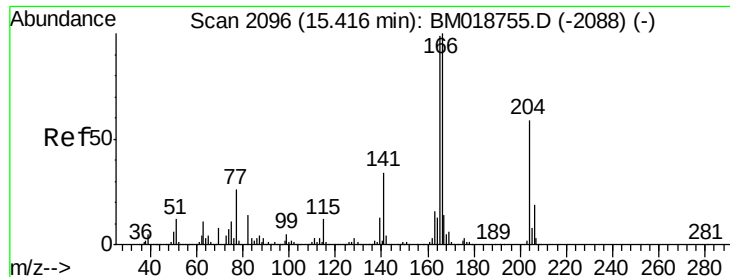


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

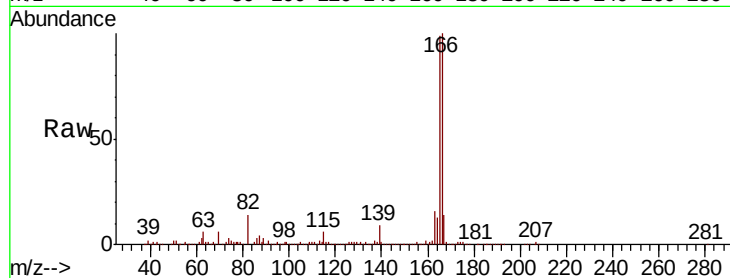




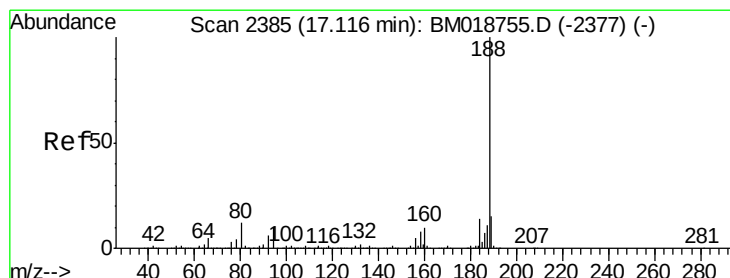
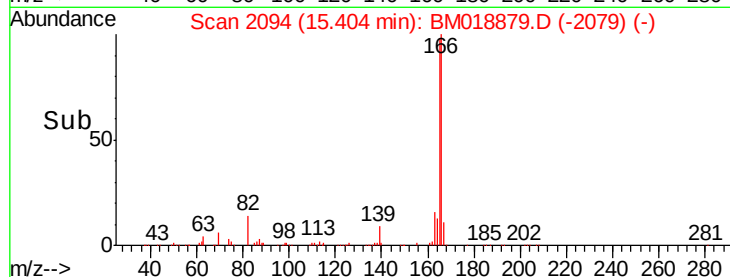
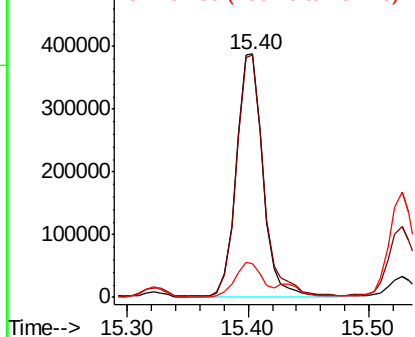
#58
 Fluorene
 Concen: 11.733 ng
 RT: 15.40 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BM018879.D
 Acq: 20 Feb 2019 12:01

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:166 Resp: 596012
 Ion Ratio Lower Upper
 166 100
 165 99.4 79.1 118.7
 167 13.7 11.0 16.4

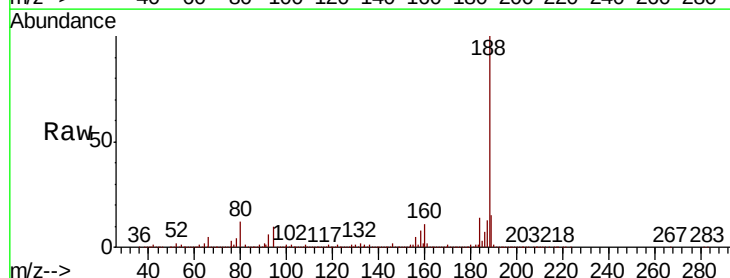


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

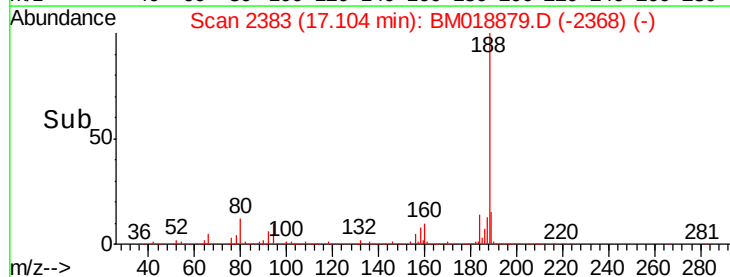
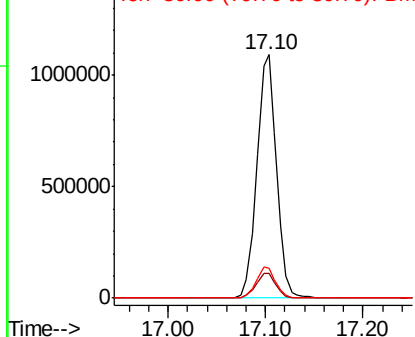


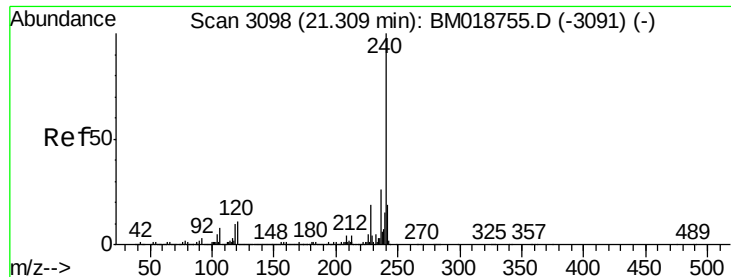
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.10 min Scan# 2383
 Delta R.T. -0.01 min
 Lab File: BM018879.D
 Acq: 20 Feb 2019 12:01

Tgt Ion:188 Resp: 1553635
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.2 12.2
 80 12.4 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM018879.D (-2368) (-)
 Ion 80.00 (79.70 to 80.70): BM018879.D (-2368) (-)

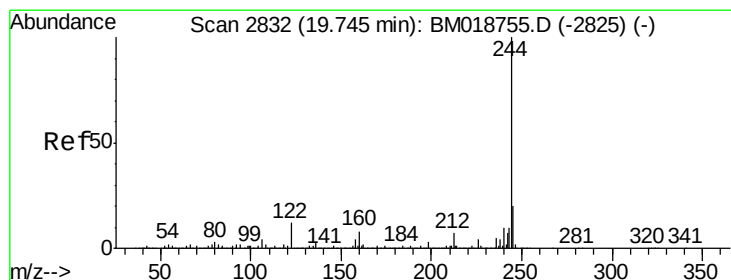
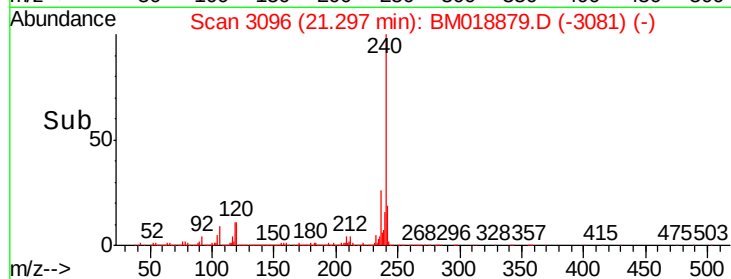
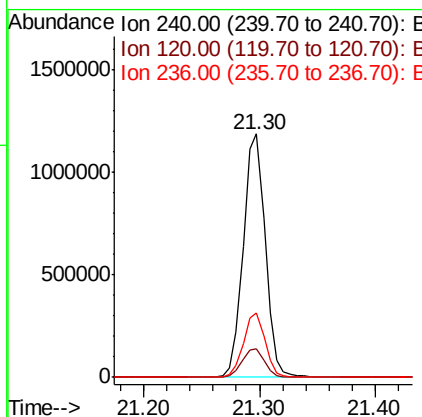
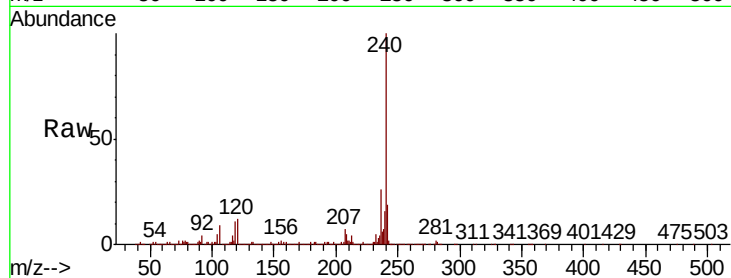




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.30 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BM018879.D
 Acq: 20 Feb 2019 12:01

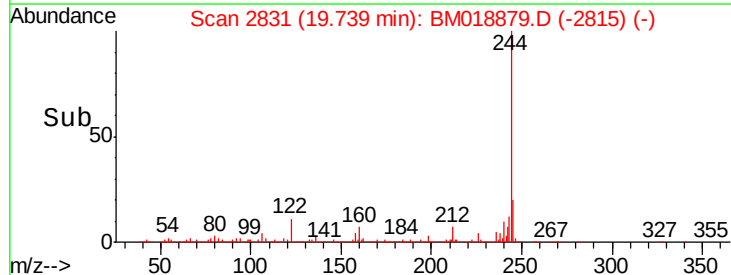
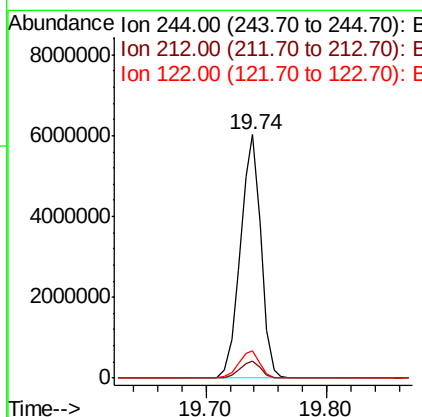
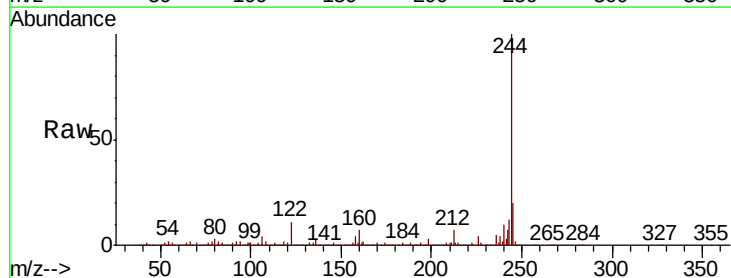
Instrument :
 BNA_M
 ClientSampleId :

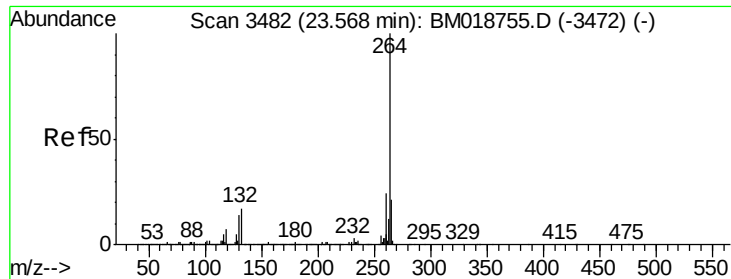
Tot Ion:240 Resp: 1578632
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.9 13.3
 236 26.2 20.9 31.3



#79
 Terphenyl-d14
 Concen: 93.063 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM018879.D
 Acq: 20 Feb 2019 12:01

Tgt Ion:244 Resp: 7121619
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.1 9.3 13.9





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.54 min Scan# 3478
 Delta R.T. -0.02 min
 Lab File: BM018879.D
 Acq: 20 Feb 2019 12:01

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 1406858

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.8	17.3	25.9

