

Data File : BM018612.D
Acq On : 17 Jan 2019 14:00
Operator : JU/SJ
Sample : PB116441BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB116441BL

Quant Time: Jan 18 04:41:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

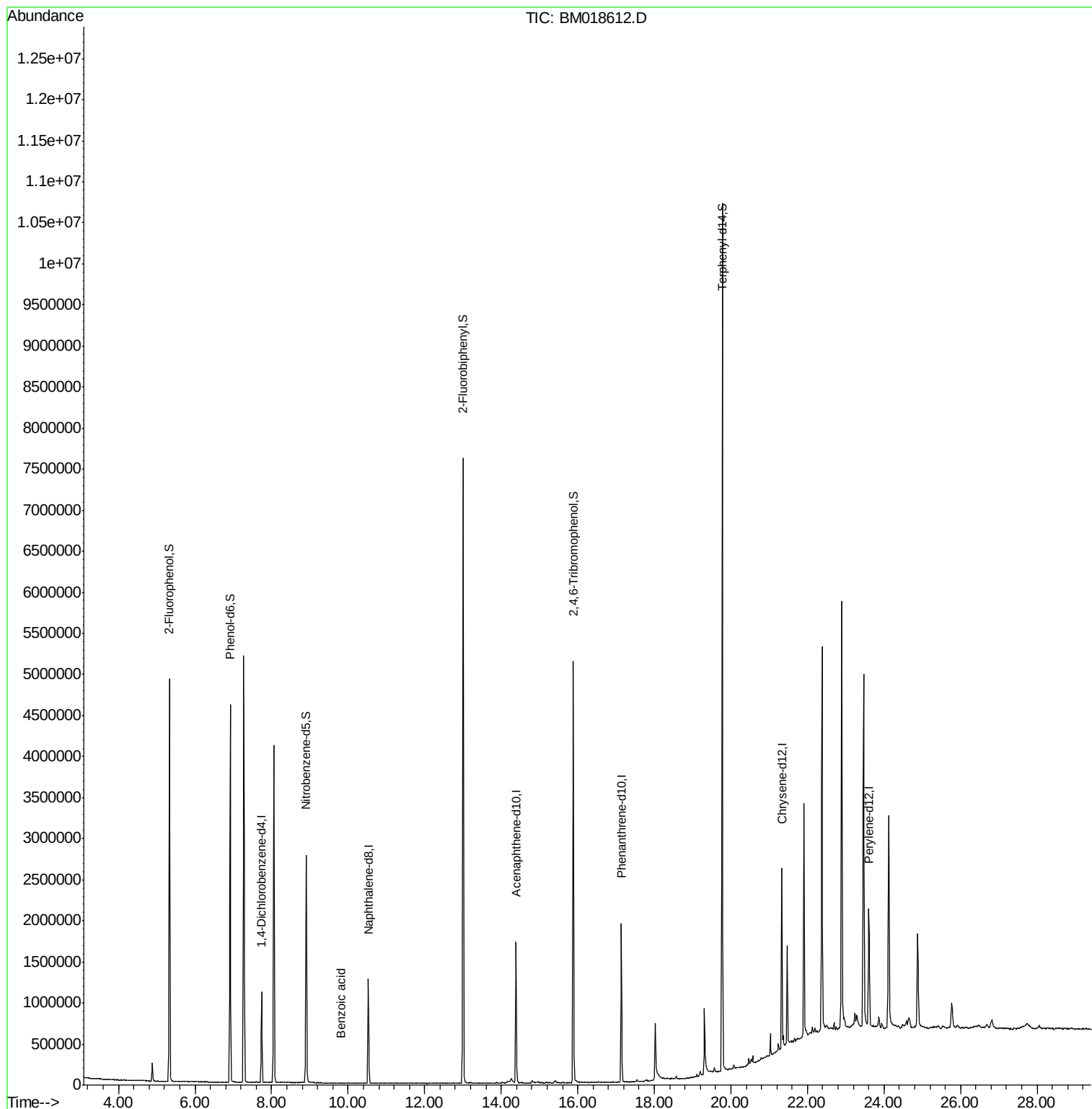
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	288284	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1079476	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	563708	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1142344	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1023787	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1055200	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2042229	130.81	ng	-0.02
7) Phenol-d6	6.92	99	2494884	125.82	ng	-0.02
23) Nitrobenzene-d5	8.90	82	1578689	84.78	ng	-0.02
42) 2,4,6-Tribromophenol	15.89	330	918267	127.94	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	3892263	90.10	ng	-0.02
79) Terphenyl-d14	19.77	244	4964694	102.23	ng	-0.01
Target Compounds						
32) Benzoic acid	9.81	122	116	6.513	ng	Qvalue # 30

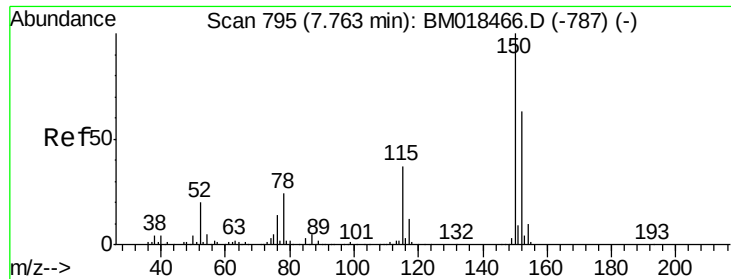
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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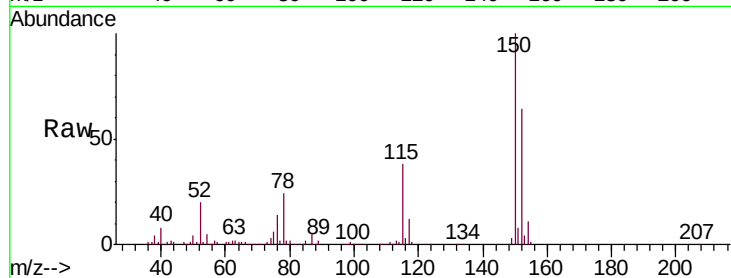


#1

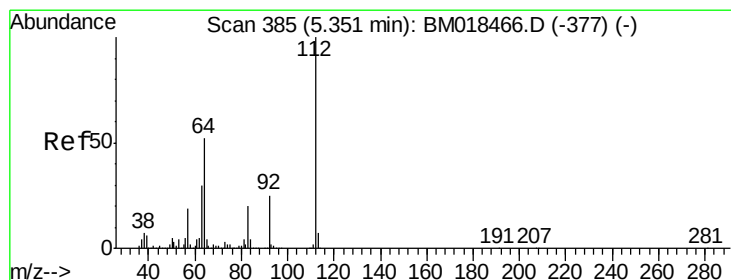
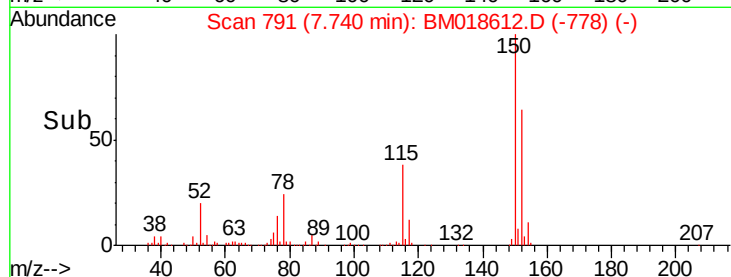
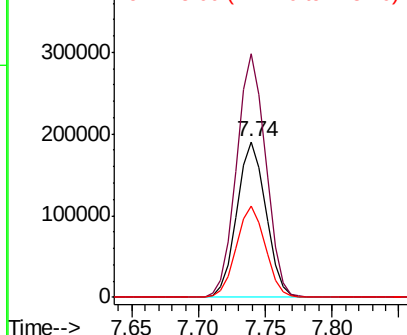
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018612.D
Acq: 17 Jan 2019 14:00

Instrument :
BNA_M
ClientSampleId :
PB116441BL

Tgt Ion:152 Resp: 288284
Ion Ratio Lower Upper
152 100
150 156.8 126.9 190.3
115 59.0 45.5 68.3



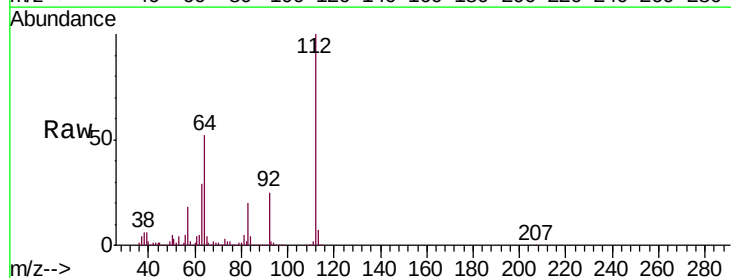
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



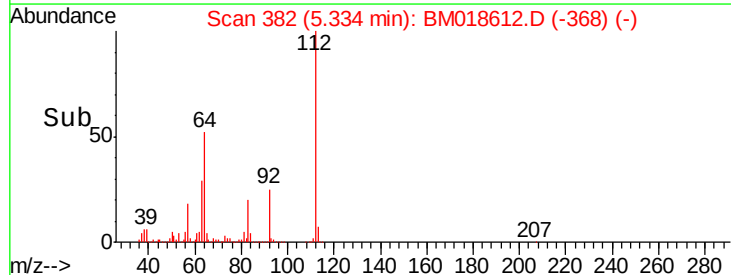
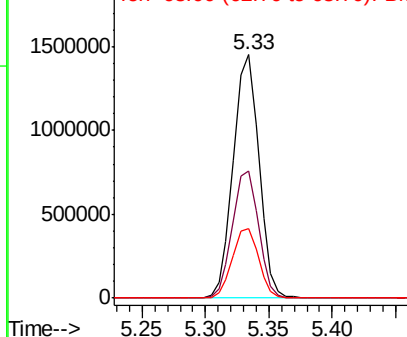
#5

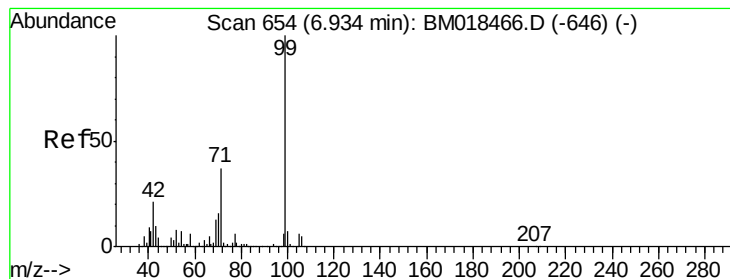
2-Fluorophenol
Concen: 130.807 ng
RT: 5.33 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM018612.D
Acq: 17 Jan 2019 14:00

Tgt Ion:112 Resp: 2042229
Ion Ratio Lower Upper
112 100
64 52.3 46.5 69.7
63 28.5 25.2 37.8



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: 125.815 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM018612.D

Acq: 17 Jan 2019 14:00

Instrument :

BNA_M

ClientSampleId :

PB116441BL

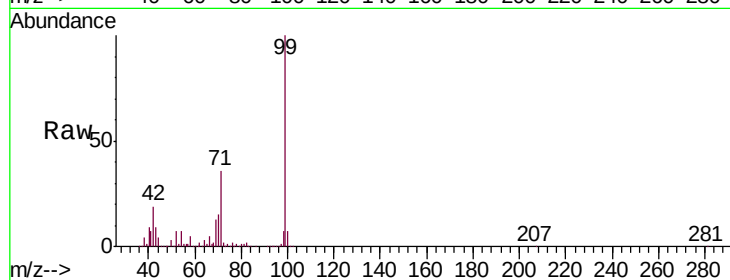
Tgt Ion: 99 Resp: 2494884

Ion Ratio Lower Upper

99 100

42 19.4 17.3 25.9

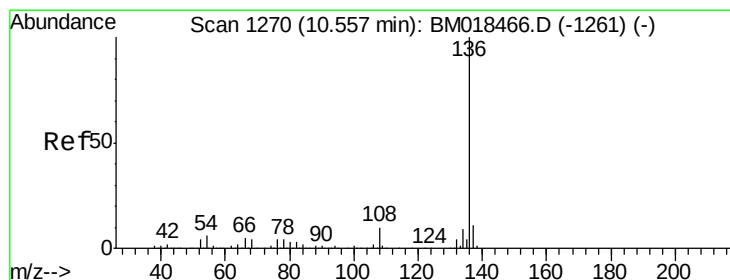
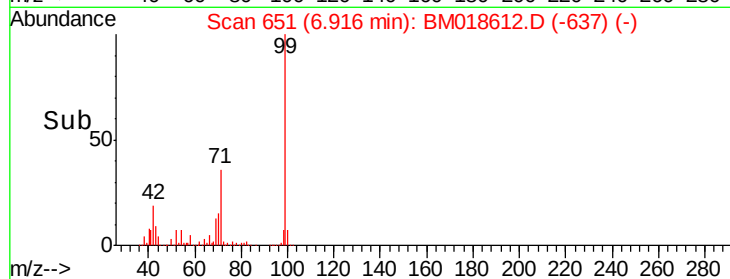
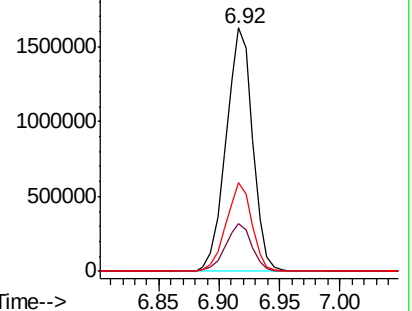
71 36.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM018612.D

Acq: 17 Jan 2019 14:00

Tgt Ion: 136 Resp: 1079476

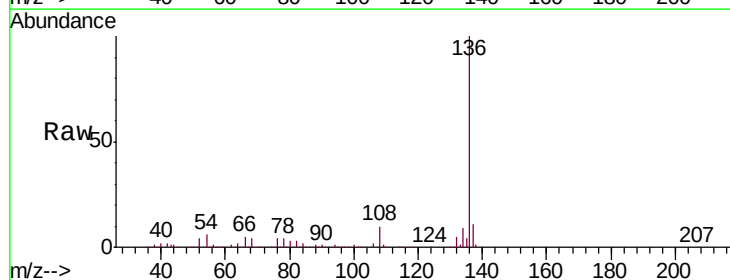
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.3 6.0 9.0

68 4.2 4.5 6.7#

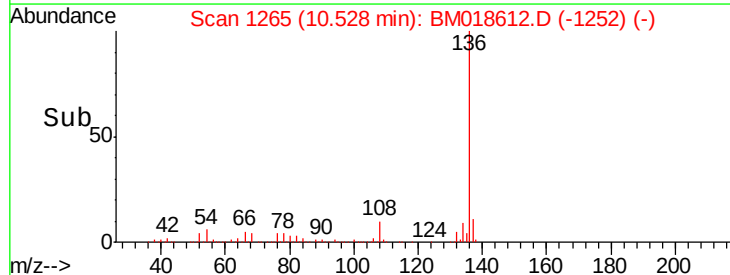
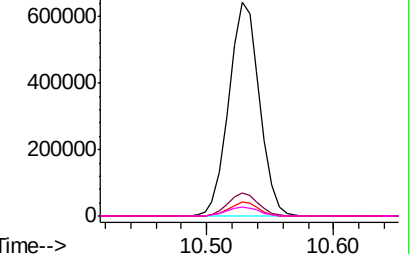


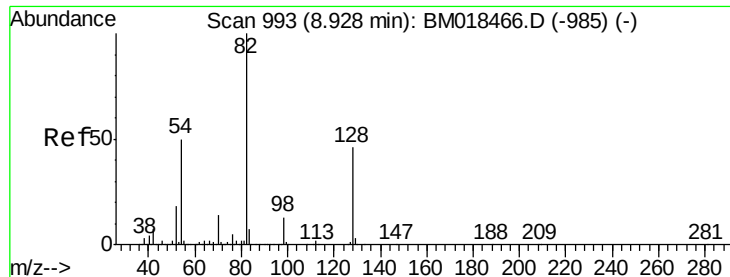
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM018466.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM018466.D (-1261) (-)





#23

Nitrobenzene-d5

Concen: 84.780 ng

RT: 8.90 min Scan# 989

Delta R.T. -0.02 min

Lab File: BM018612.D

Acq: 17 Jan 2019 14:00

Instrument :

BNA_M

ClientSampleId :

PB116441BL

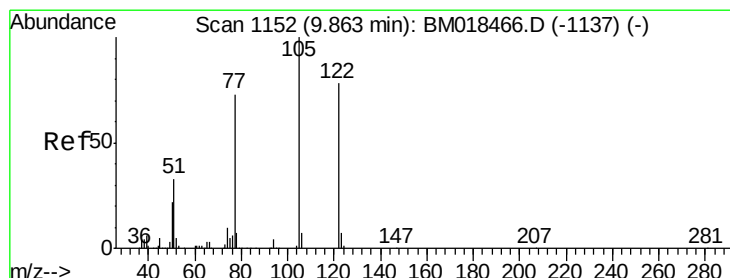
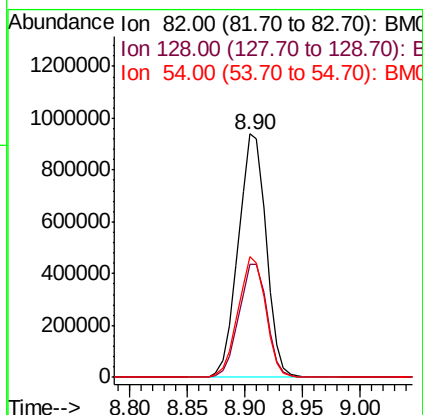
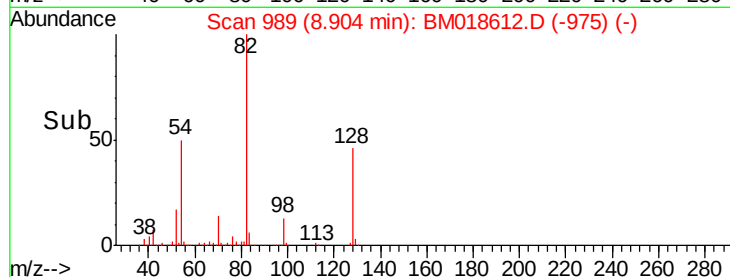
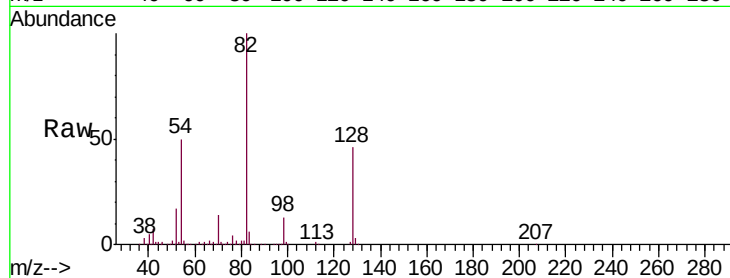
Tgt Ion: 82 Resp: 1578689

Ion Ratio Lower Upper

82 100

128 46.2 36.3 54.5

54 49.8 41.7 62.5



#32

Benzoic acid

Concen: 6.513 ng

RT: 9.81 min Scan# 1143

Delta R.T. -0.09 min

Lab File: BM018612.D

Acq: 17 Jan 2019 14:00

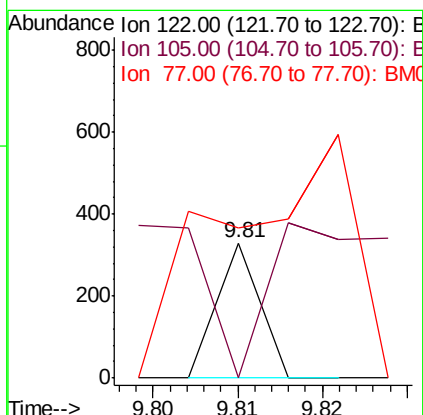
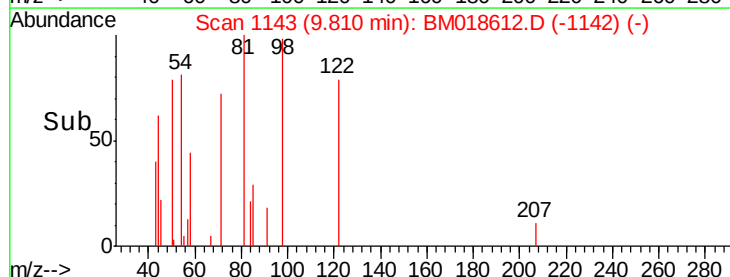
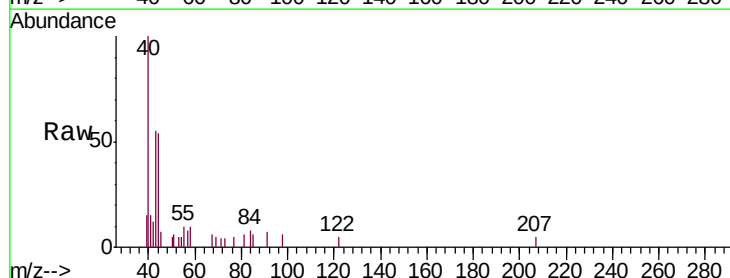
Tgt Ion: 122 Resp: 116

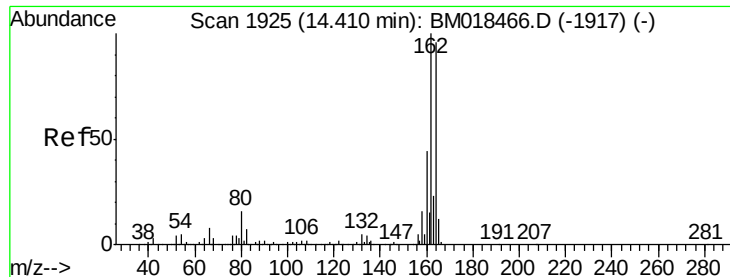
Ion Ratio Lower Upper

122 100

105 0.0 100.4 140.4#

77 111.6 71.7 111.7

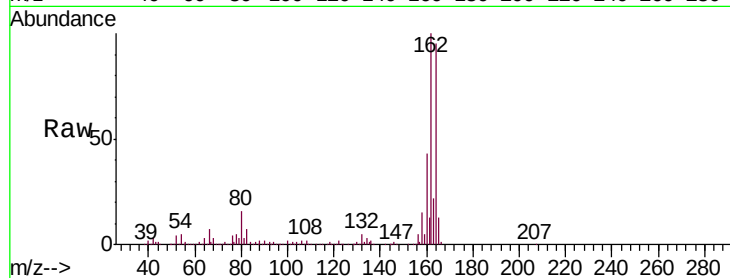




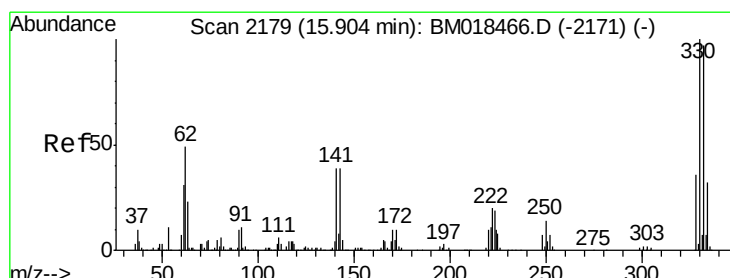
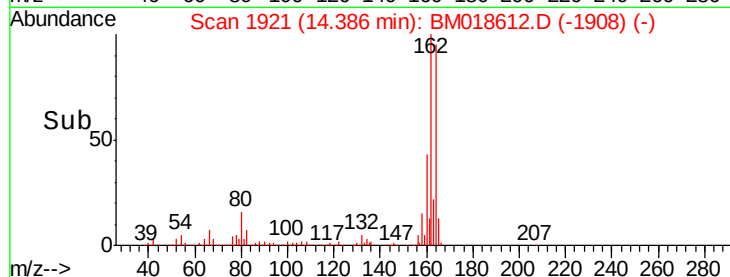
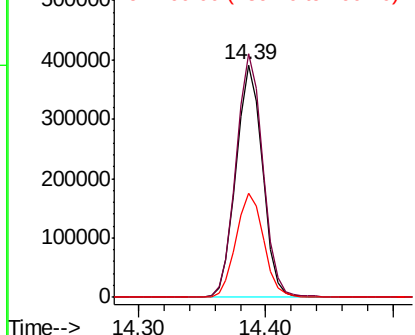
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BM018612.D
Acq: 17 Jan 2019 14:00

Instrument :
BNA_M
ClientSampleId :
PB116441BL

Tgt Ion:164 Resp: 563708
Ion Ratio Lower Upper
164 100
162 104.8 83.0 124.4
160 44.8 37.1 55.7

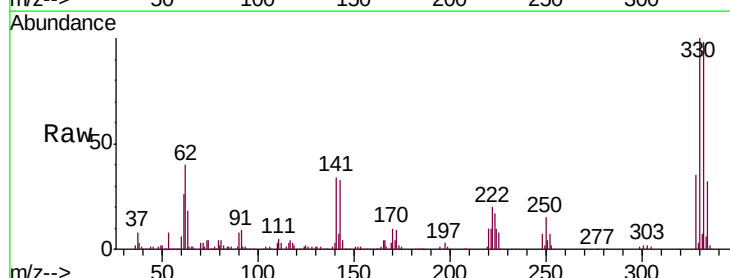


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

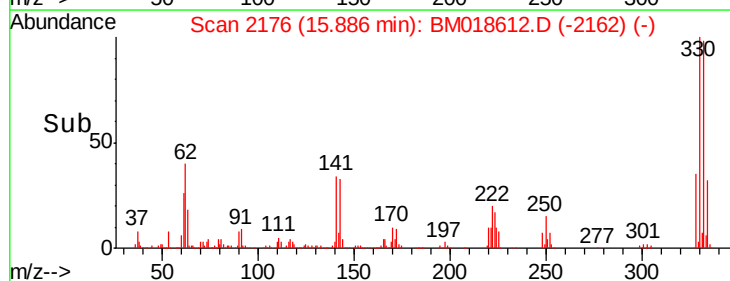
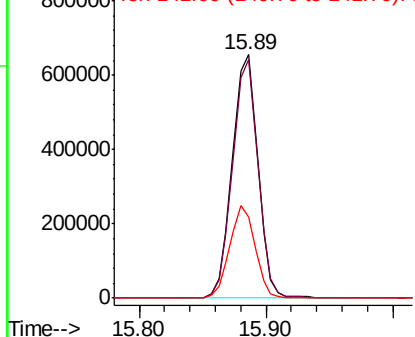


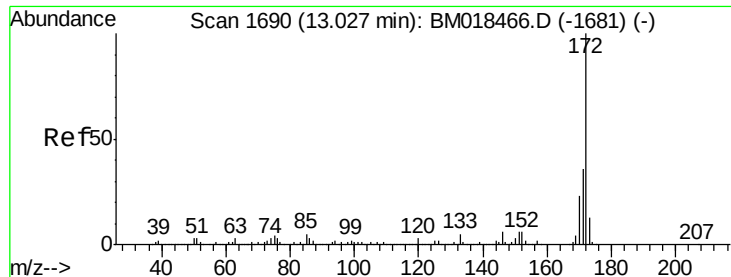
#42
2,4,6-Tribromophenol
Concen: 127.935 ng
RT: 15.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BM018612.D
Acq: 17 Jan 2019 14:00

Tgt Ion:330 Resp: 918267
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 37.7 31.7 47.5



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

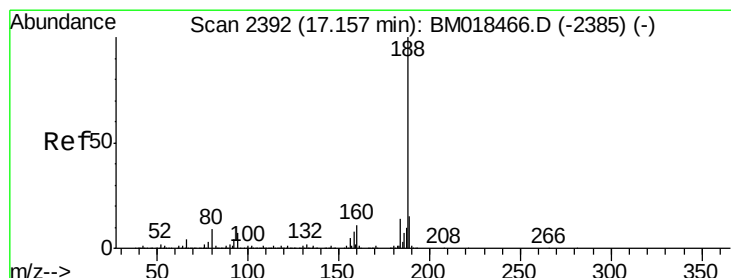
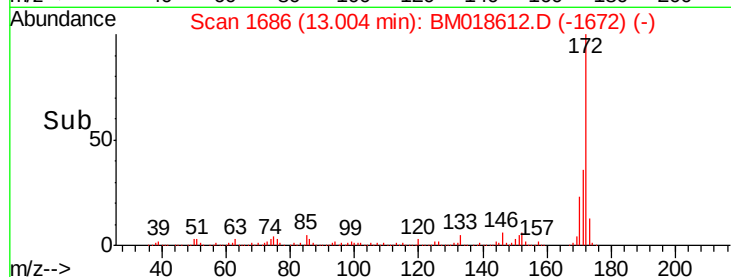
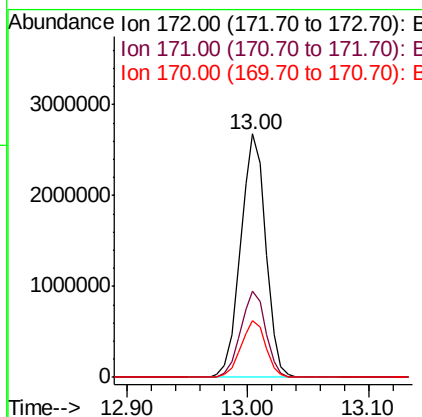
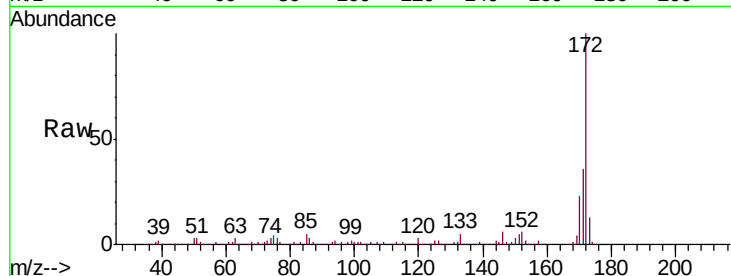




#45
2-Fluorobiphenyl
Concen: 90.098 ng
RT: 13.00 min Scan# 1686
Delta R.T. -0.02 min
Lab File: BM018612.D
Acq: 17 Jan 2019 14:00

Instrument :
BNA_M
ClientSampleId :
PB116441BL

Tgt Ion:172 Resp: 3892263
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.4 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM018612.D
Acq: 17 Jan 2019 14:00

Tgt Ion:188 Resp: 1142344
Ion Ratio Lower Upper
188 100
94 7.1 7.1 10.7#
80 8.0 7.6 11.4

