

Data File : BM018615.D
Acq On : 17 Jan 2019 15:47
Operator : JU/SJ
Sample : K1139-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-3

Quant Time: Jan 18 04:42:58 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

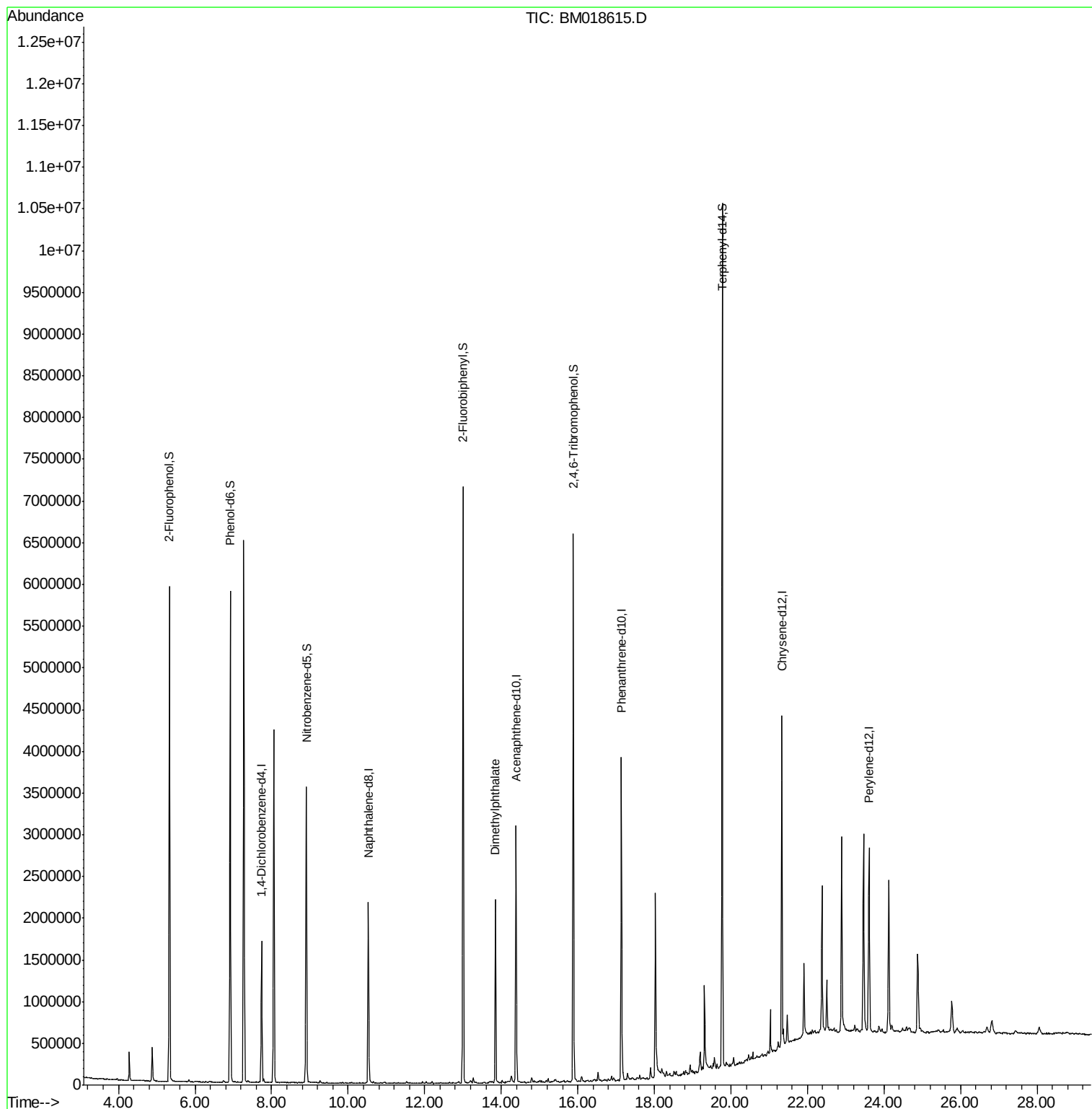
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	452639	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1815477	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	1031405	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	2238224	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1749706	20.00	ng	-0.02
87) Perylene-d12	23.61	264	1558101	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2553927	104.18	ng	-0.02
7) Phenol-d6	6.92	99	3314774	106.46	ng	-0.02
23) Nitrobenzene-d5	8.90	82	2002570	63.95	ng	-0.02
42) 2,4,6-Tribromophenol	15.89	330	1177125	89.63	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	3590659	45.43	ng	-0.02
79) Terphenyl-d14	19.77	244	4799122	57.82	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.85	163	1419960	16.763	ng	Qvalue 99

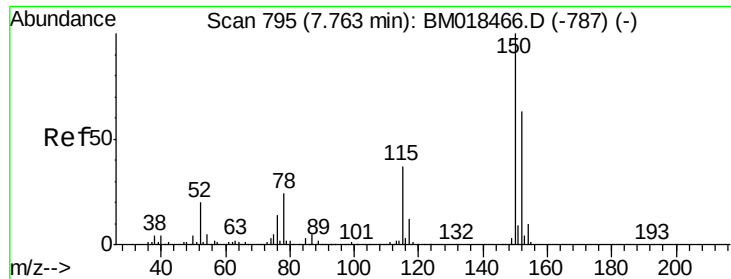
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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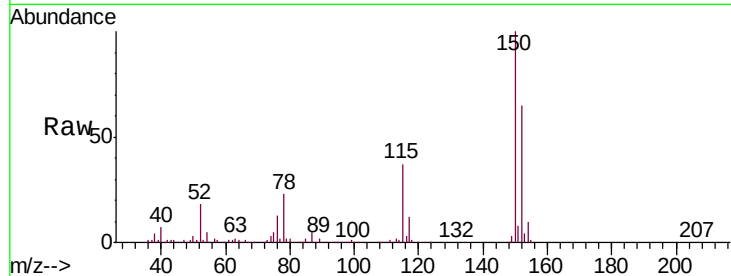


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018615.D
Acq: 17 Jan 2019 15:47

Instrument :
BNA_M
ClientSampleId :
S-3

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.9	190.3
115	57.4	45.5	68.3

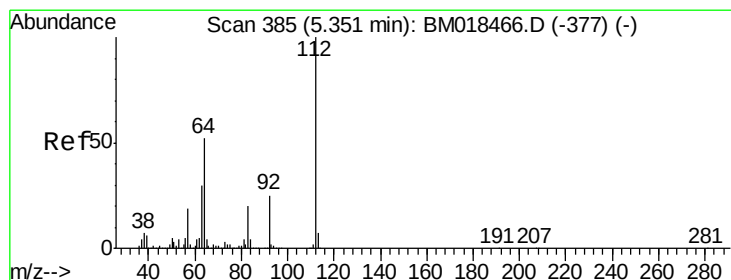
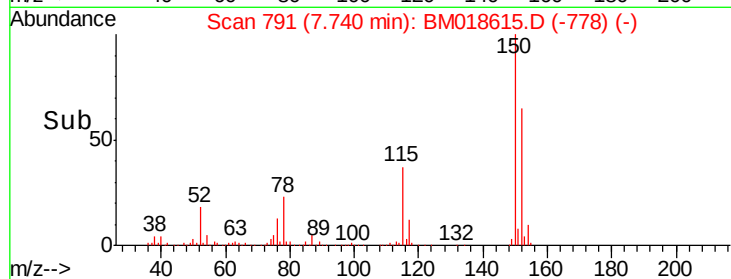
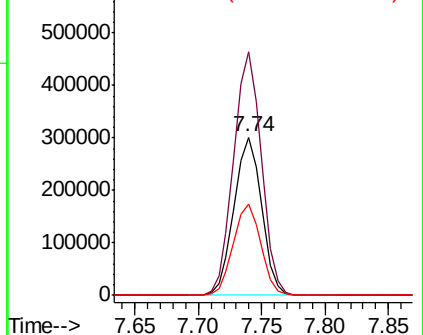


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

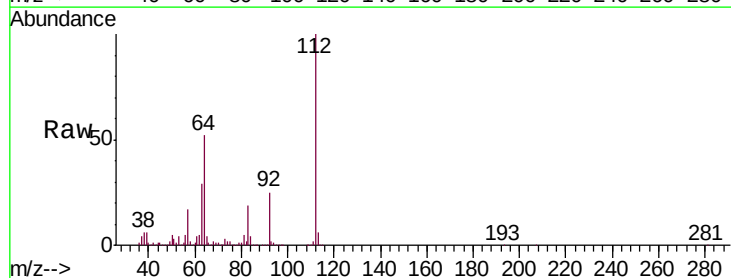
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 104.185 ng
RT: 5.33 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM018615.D
Acq: 17 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	46.5	69.7
63	28.6	25.2	37.8

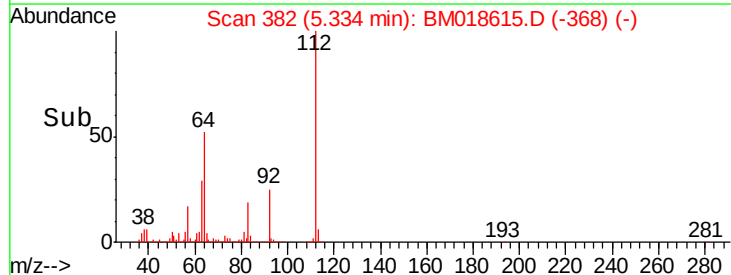
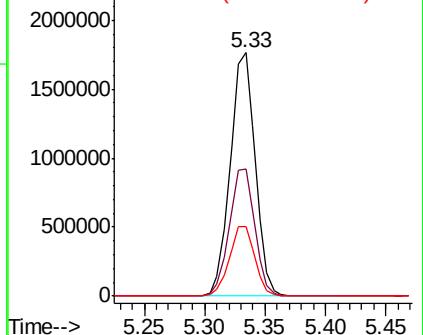


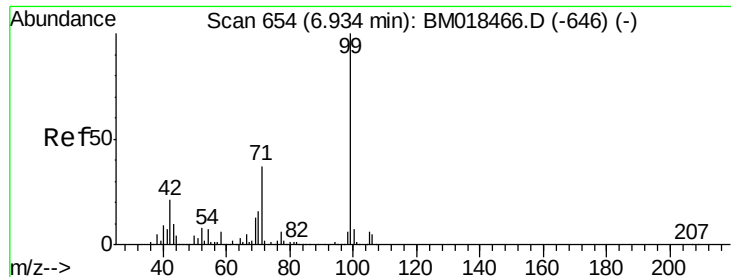
Abundance

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: 106.465 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM018615.D

Acq: 17 Jan 2019 15:47

Instrument :

BNA_M

ClientSampled :

S-3

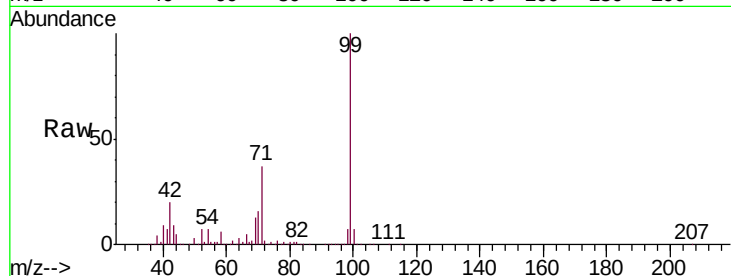
Tgt Ion: 99 Resp: 3314774

Ion Ratio Lower Upper

99 100

42 19.7 17.3 25.9

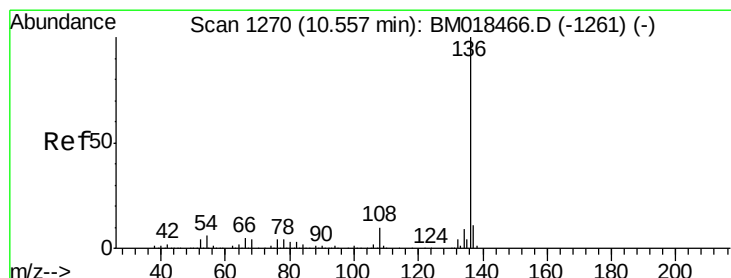
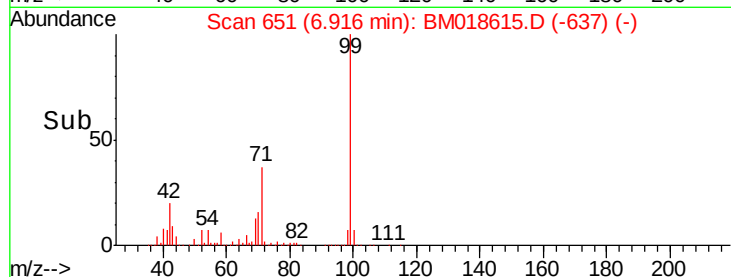
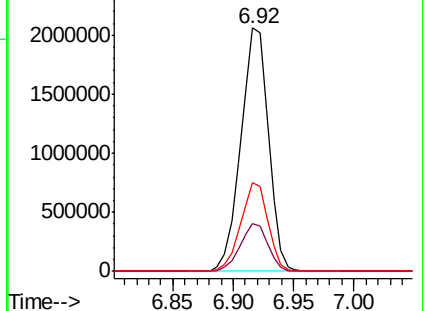
71 36.7 28.0 42.0



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: BM018615.D

Acq: 17 Jan 2019 15:47

Tgt Ion: 136 Resp: 1815477

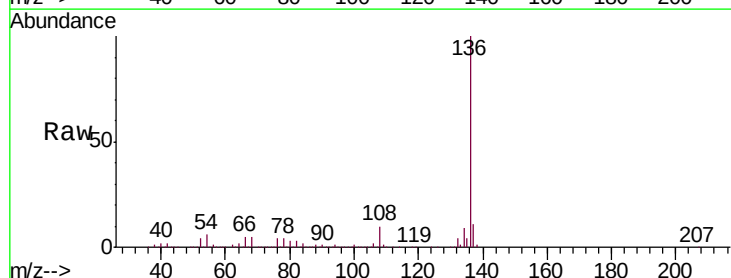
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.5 6.0 9.0

68 4.7 4.5 6.7

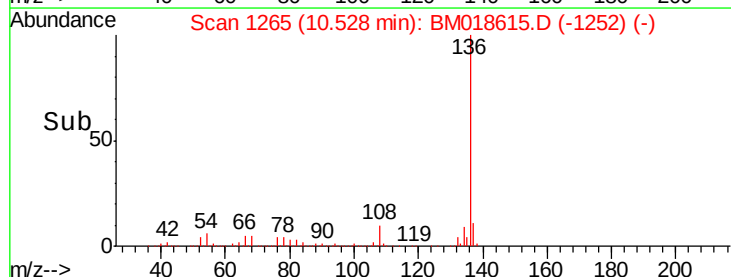
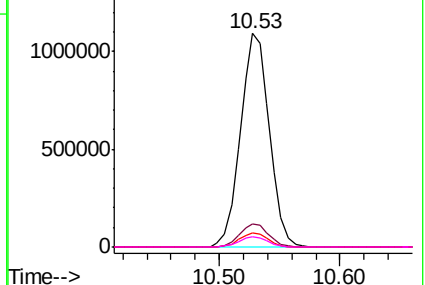


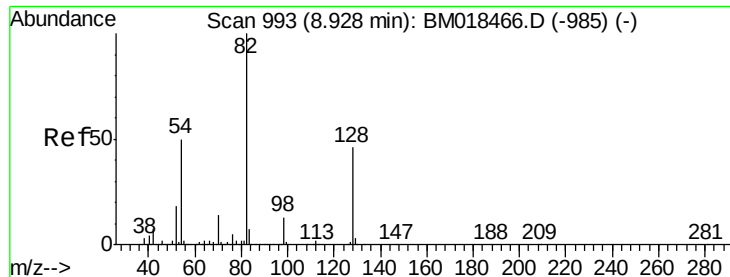
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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: 63.945 ng

RT: 8.90 min Scan# 989

Delta R.T. -0.02 min

Lab File: BM018615.D

Acq: 17 Jan 2019 15:47

Instrument :

BNA_M

ClientSampleId :

S-3

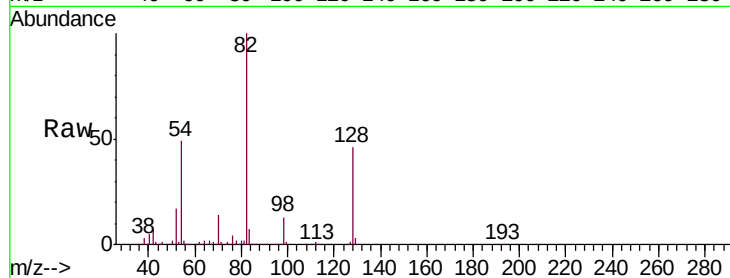
Tgt Ion: 82 Resp: 2002570

Ion Ratio Lower Upper

82 100

128 46.3 36.3 54.5

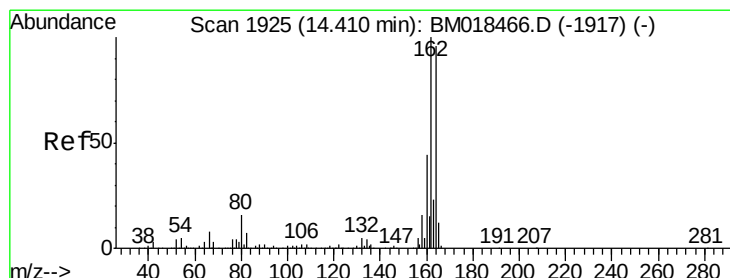
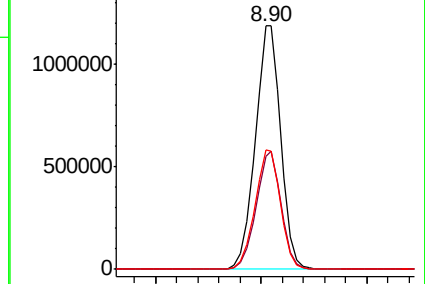
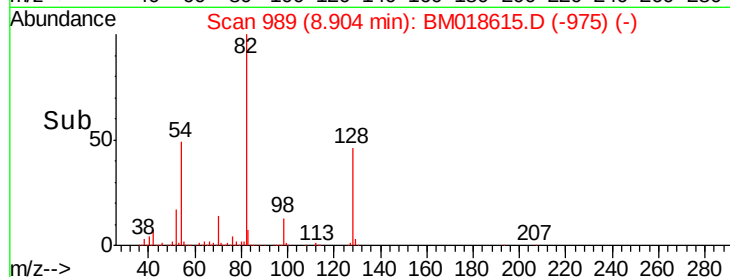
54 49.1 41.7 62.5



Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-985) (-)

Ion 128.00 (127.70 to 128.70): BM018466.D (-985) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-985) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.39 min Scan# 1921

Delta R.T. -0.02 min

Lab File: BM018615.D

Acq: 17 Jan 2019 15:47

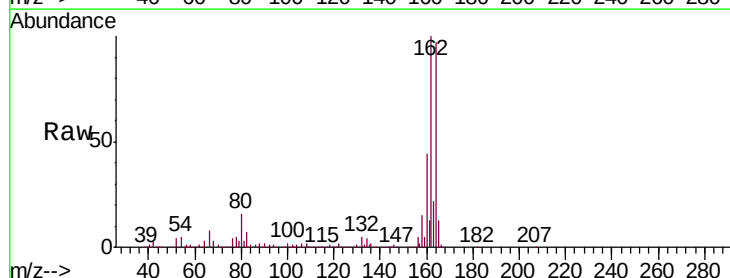
Tgt Ion: 164 Resp: 1031405

Ion Ratio Lower Upper

164 100

162 103.5 83.0 124.4

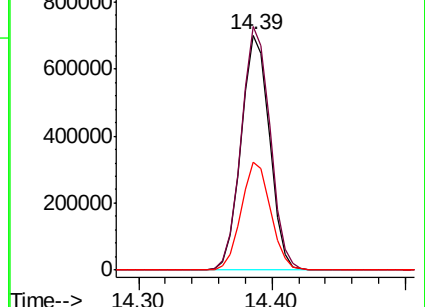
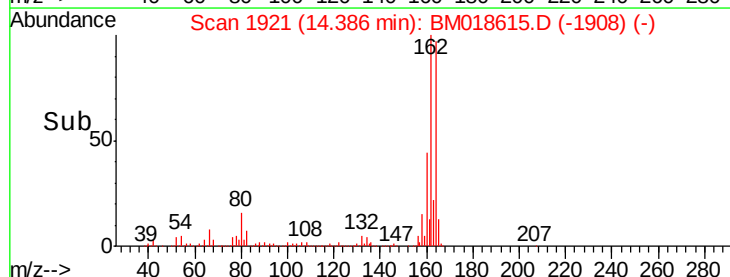
160 45.8 37.1 55.7

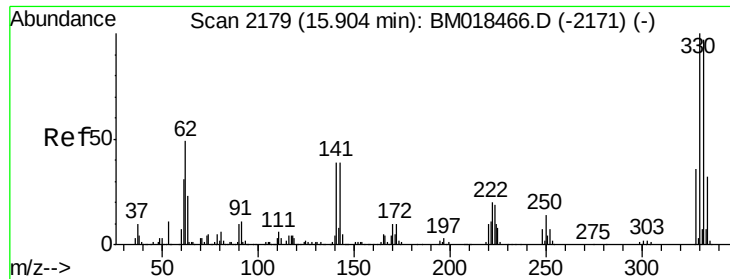


Abundance Ion 164.00 (163.70 to 164.70): BM018466.D (-1917) (-)

Ion 162.00 (161.70 to 162.70): BM018466.D (-1917) (-)

Ion 160.00 (159.70 to 160.70): BM018466.D (-1917) (-)

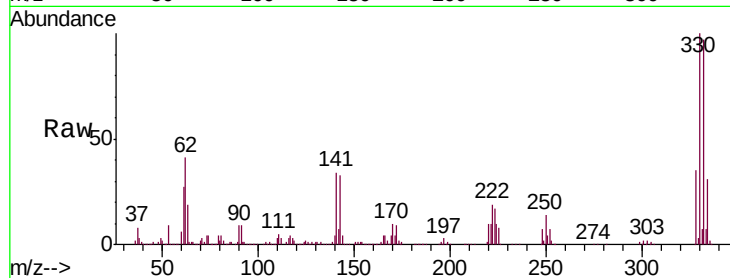




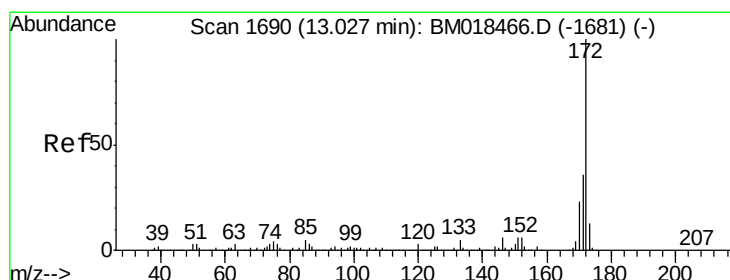
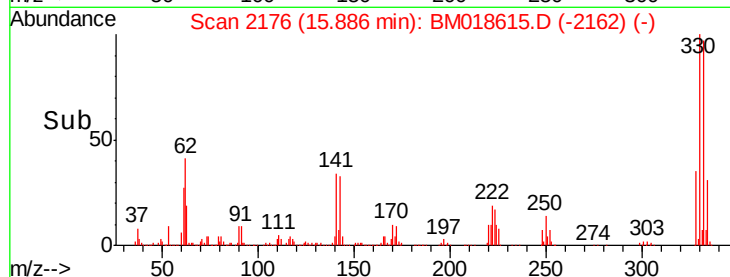
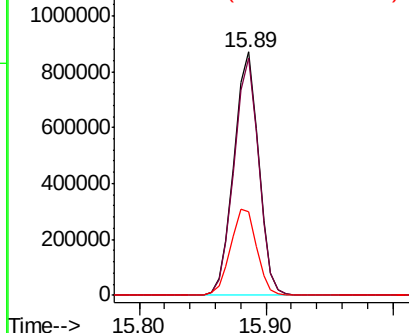
#42
 2,4,6-Tribromophenol
 Concen: 89.633 ng
 RT: 15.89 min Scan# 2176
 Delta R.T. -0.02 min
 Lab File: BM018615.D
 Acq: 17 Jan 2019 15:47

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:330 Resp: 1177125
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.6 116.4
 141 37.1 31.7 47.5

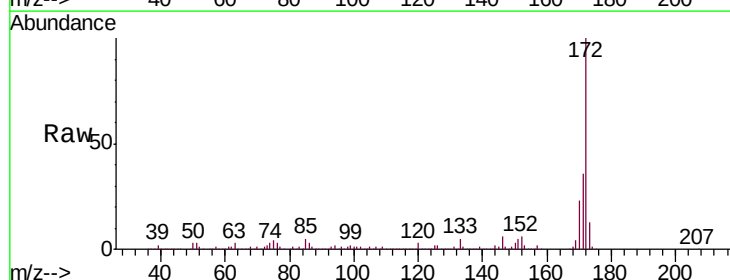


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

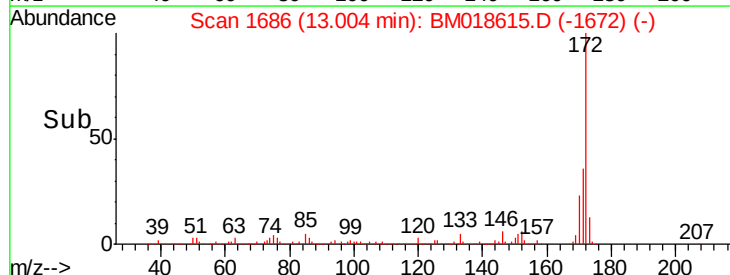
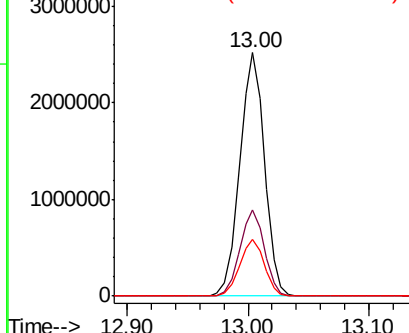


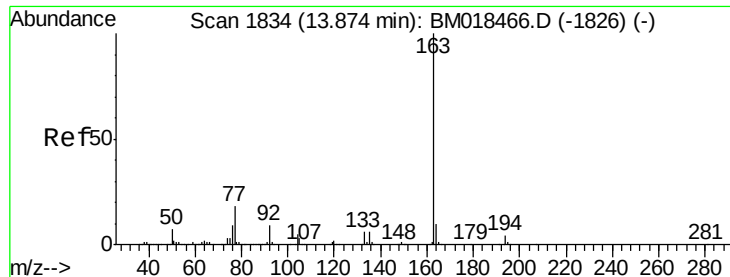
#45
 2-Fluorobiphenyl
 Concen: 45.427 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BM018615.D
 Acq: 17 Jan 2019 15:47

Tgt Ion:172 Resp: 3590659
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.2 42.4
 170 23.4 18.9 28.3



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: 16.763 ng

RT: 13.85 min Scan# 1829

Delta R.T. -0.02 min

Lab File: BM018615.D

Acq: 17 Jan 2019 15:47

Instrument :

BNA_M

ClientSampleId :

S-3

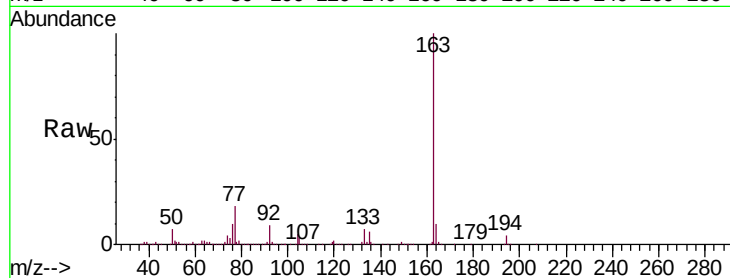
Tgt Ion:163 Resp: 1419960

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

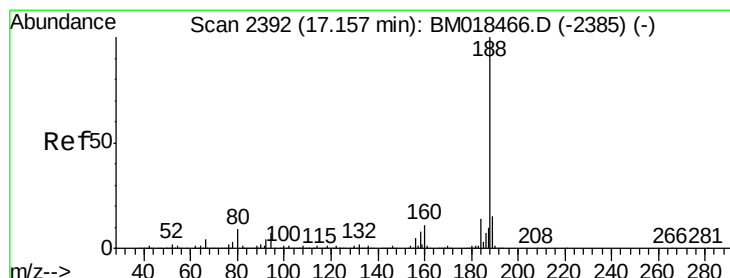
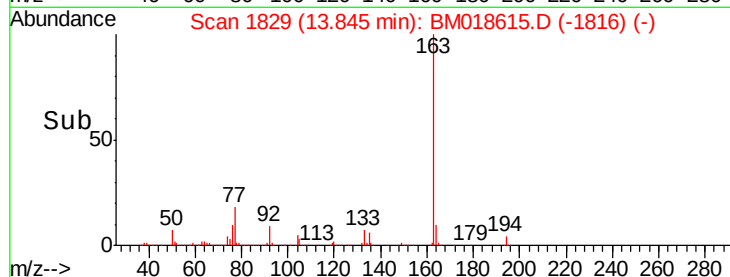
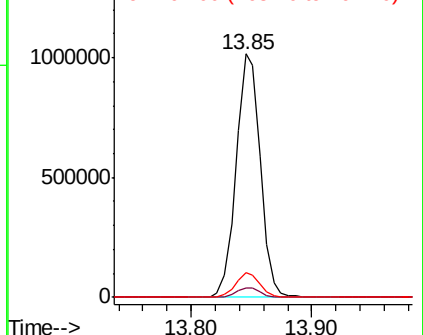
164 10.2 7.8 11.8



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: 17.14 min Scan# 2389

Delta R.T. -0.02 min

Lab File: BM018615.D

Acq: 17 Jan 2019 15:47

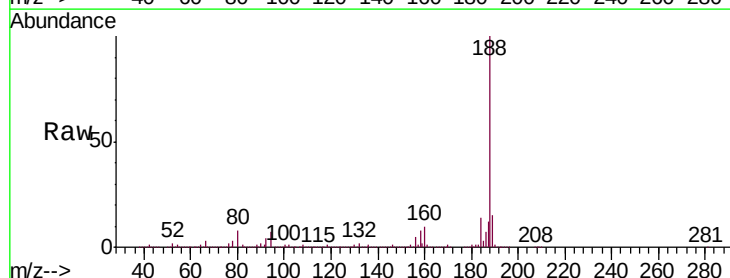
Tgt Ion:188 Resp: 2238224

Ion Ratio Lower Upper

188 100

94 7.4 7.1 10.7

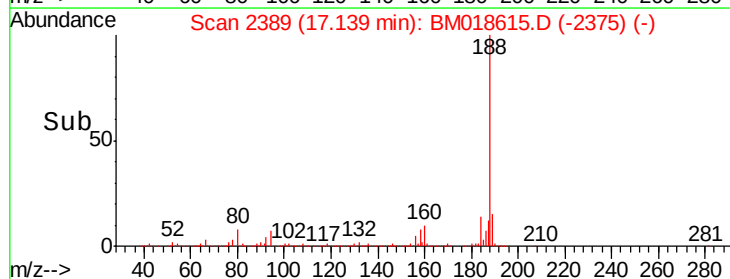
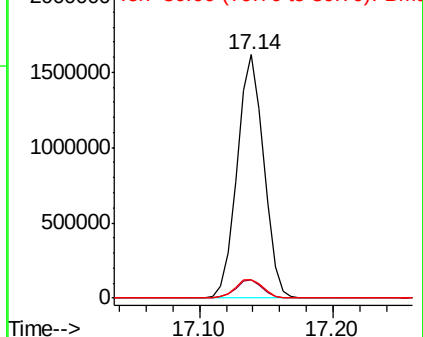
80 7.8 7.6 11.4

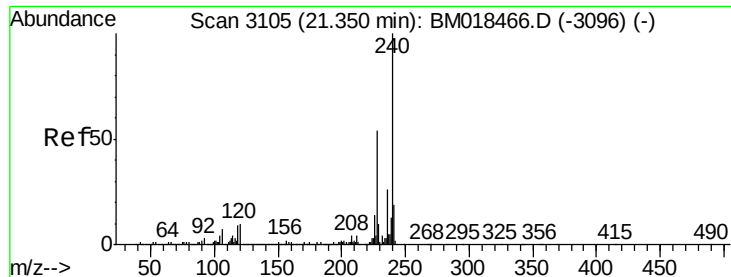


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

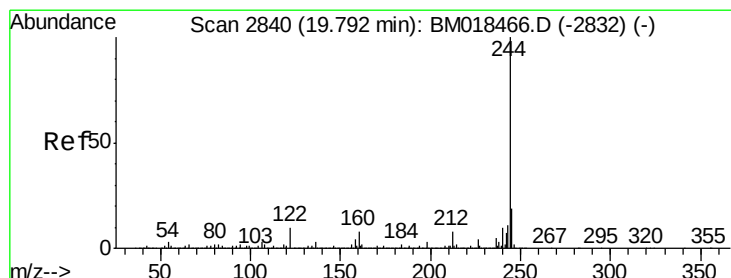
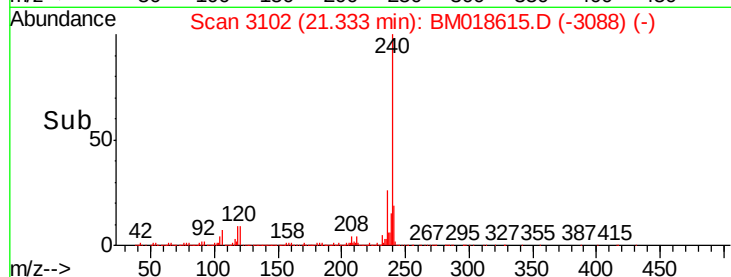
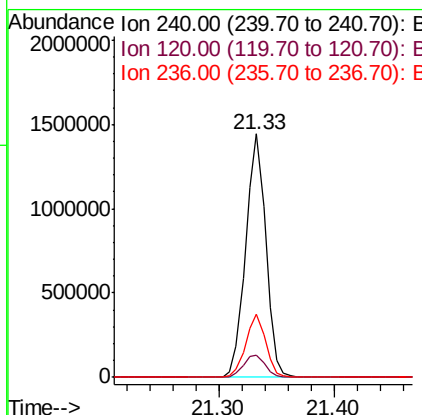
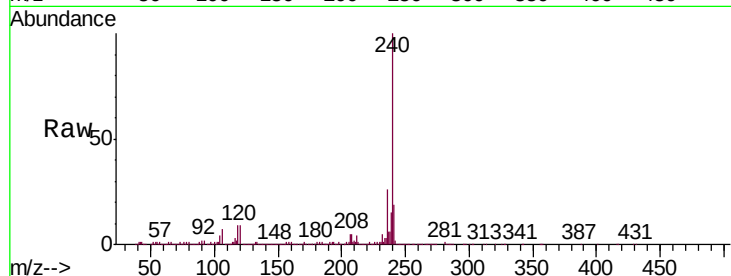




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3102
Delta R.T. -0.02 min
Lab File: BM018615.D
Acq: 17 Jan 2019 15:47

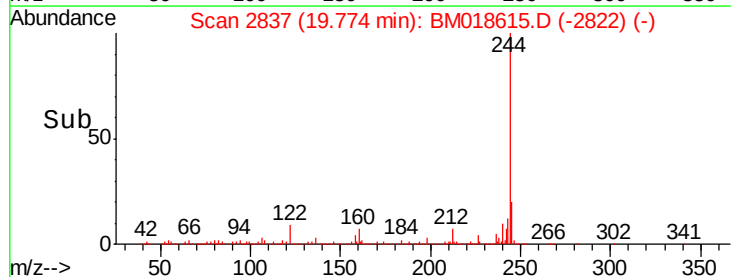
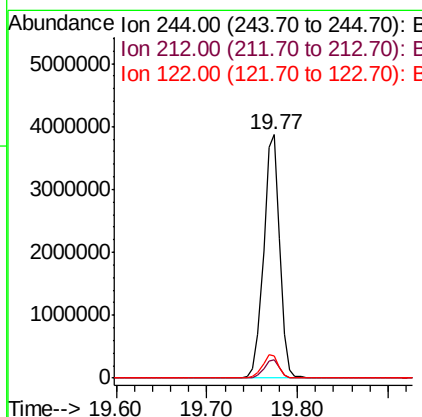
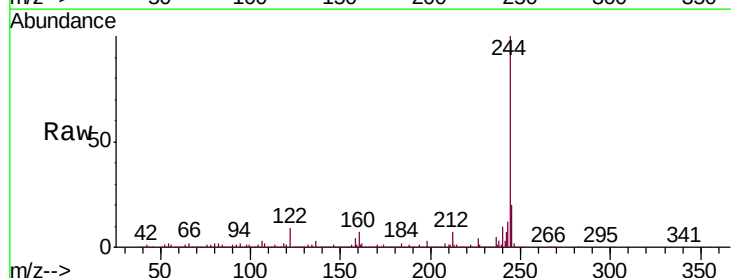
Instrument :
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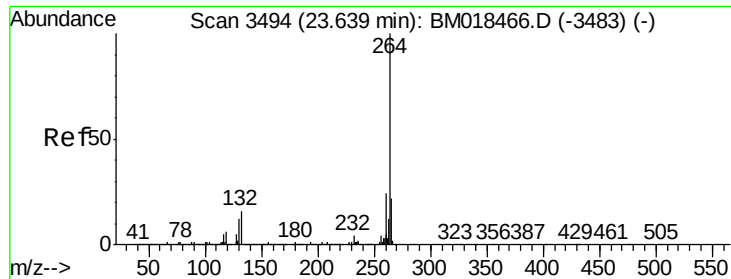
Tgt Ion:240 Resp: 1749706
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 26.1 20.7 31.1



#79
Terphenyl-d14
Concen: 57.820 ng
RT: 19.77 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BM018615.D
Acq: 17 Jan 2019 15:47

Tgt Ion:244 Resp: 4799122
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 8.9 9.0 13.4#





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.61 min Scan# 3489

Delta R.T. -0.02 min

Lab File: BM018615.D

Acq: 17 Jan 2019 15:47

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion: 264 Resp: 1558101

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.3 16.8 25.2

