

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111418\
 Data File : BM017652.D
 Acq On : 14 Nov 2018 18:02
 Operator : MJ/SJ
 Sample : J5918-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FDSB-10(10-12)

Quant Time: Nov 15 03:48:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	275611	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1132976	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	708688	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1628961	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1771605	20.00	ng	0.00
87) Perylene-d12	23.41	264	1480619	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	2596897	159.02	ng	0.00
7) Phenol-d6	6.81	99	3505055	153.67	ng	0.00
23) Nitrobenzene-d5	8.77	82	2033445	92.66	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	1649655	162.00	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	4772568	87.37	ng	0.00
79) Terphenyl-d14	19.66	244	7697660	98.48	ng	0.00

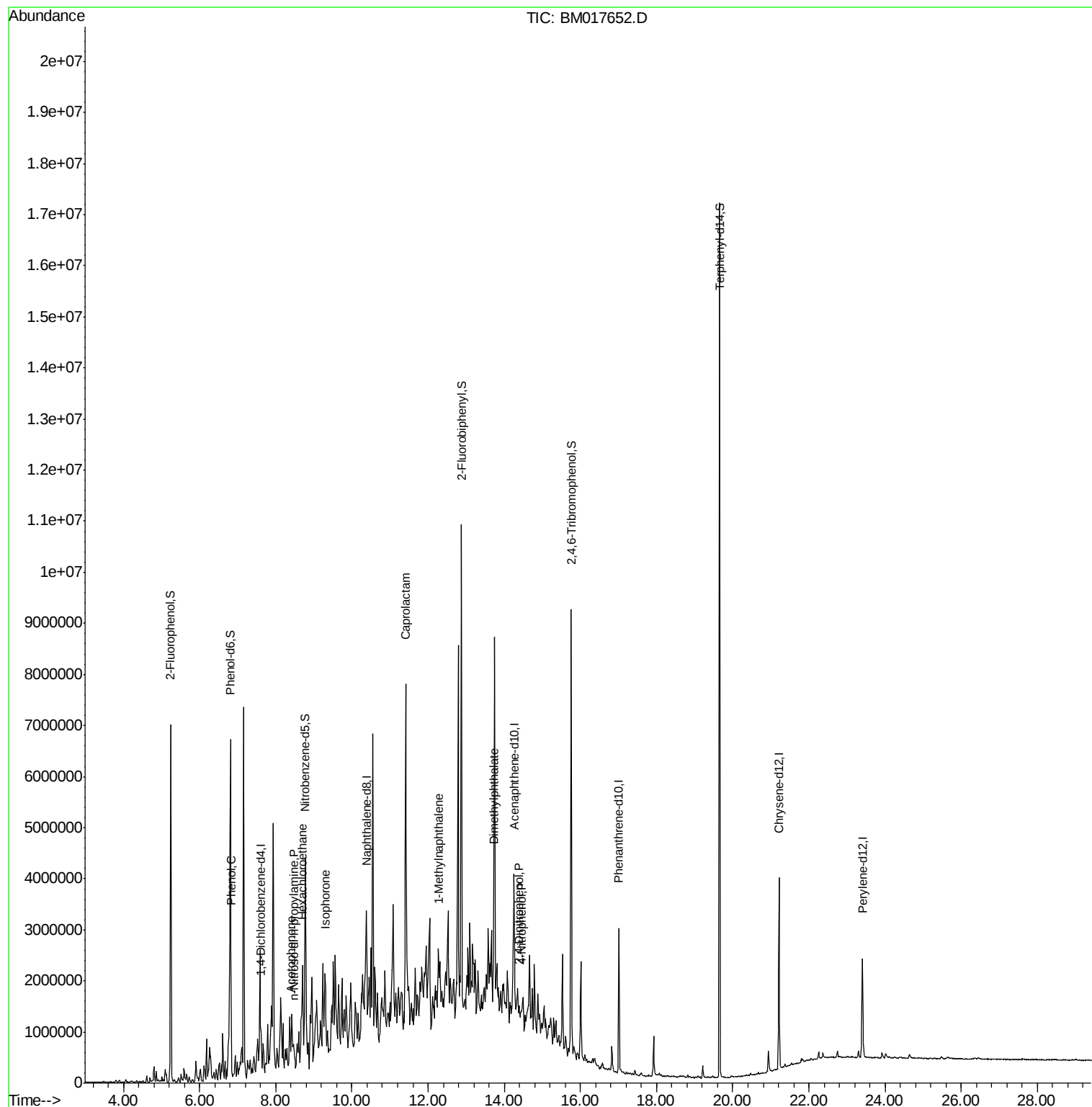
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.83	94	153215	6.400	ng	86
18) Hexachloroethane	8.70	117	71933	9.081	ng	# 1
19) n-Nitroso-di-n-propylamine	8.47	70	36901	2.253	ng	# 69
22) Acetophenone	8.40	105	86254	3.050	ng	# 57
25) Isophorone	9.30	82	142004	4.189	ng	# 1
35) Caprolactam	11.41	113	252053	39.889	ng	# 61
38) 1-Methylnaphthalene	12.28	142	430649	11.156	ng	# 99
50) Dimethylphthalate	13.72	163	402086	6.978	ng	# 98
54) 2,4-Dinitrophenol	14.37	184	830	7.220	ng	# 1
56) 4-Nitrophenol	14.46	139	10691	5.810	ng	# 24

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

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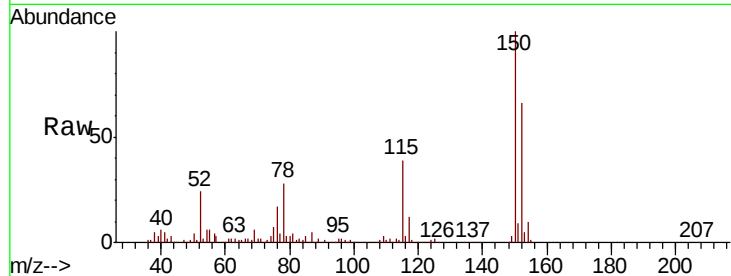


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM017652.D
Acq: 14 Nov 2018 18:02

Instrument :
BNA_M
ClientSampleId :
FDSB-10(10-12)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.3	126.4	189.6
115	59.1	49.4	74.0

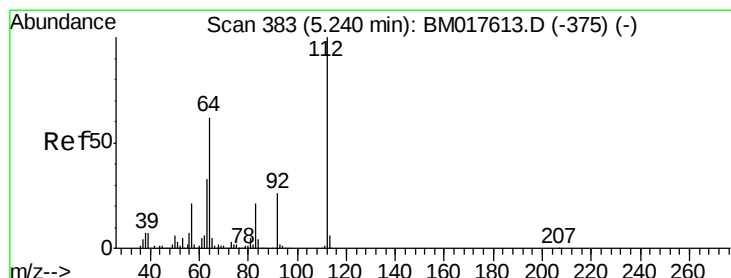
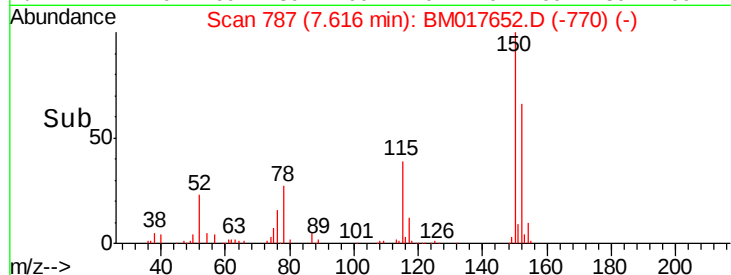
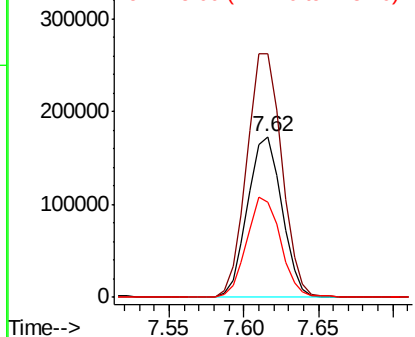


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

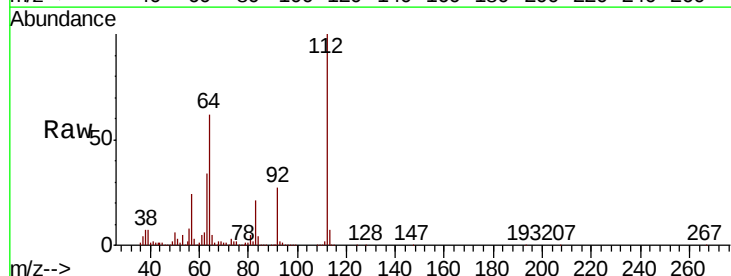
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 159.016 ng
RT: 5.24 min Scan# 383
Delta R.T. 0.00 min
Lab File: BM017652.D
Acq: 14 Nov 2018 18:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	49.3	73.9
63	33.9	26.2	39.4

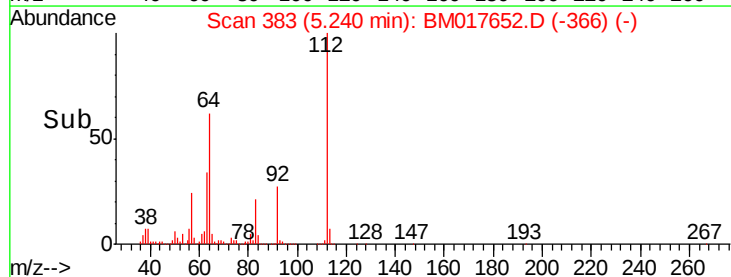
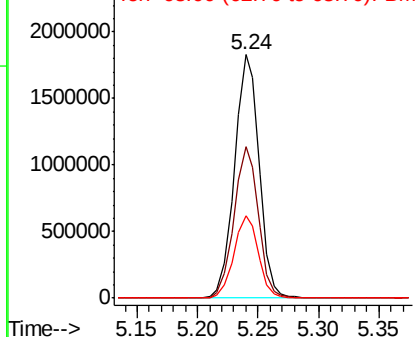


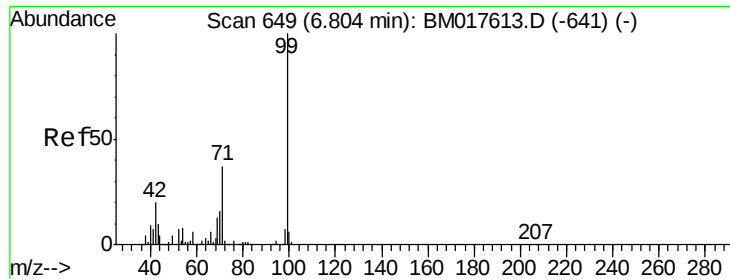
Abundance

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: 153.672 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM017652.D

Acq: 14 Nov 2018 18:02

Instrument :

BNA_M

ClientSampleId :

FDSB-10(10-12)

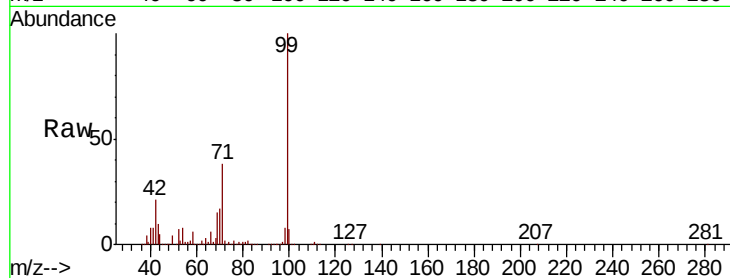
Tgt Ion: 99 Resp: 3505055

Ion Ratio Lower Upper

99 100

42 20.6 16.3 24.5

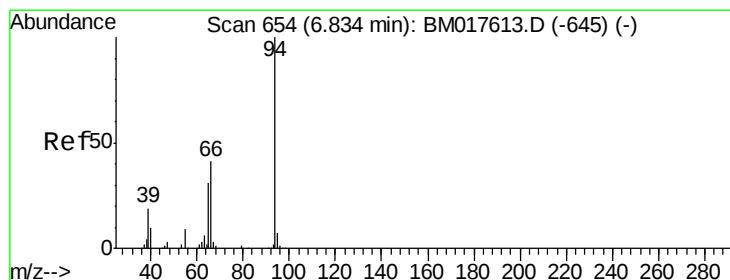
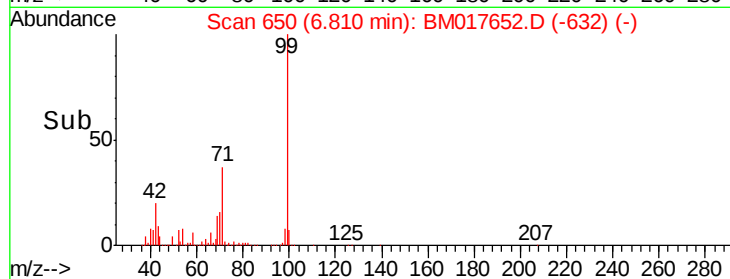
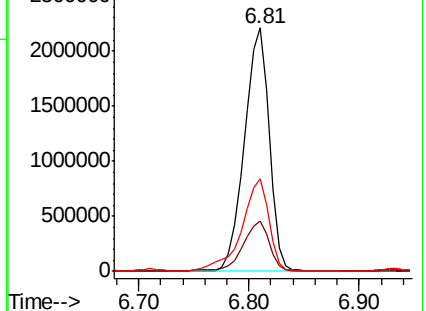
71 37.9 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)



#10

Phenol

Concen: 6.400 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM017652.D

Acq: 14 Nov 2018 18:02

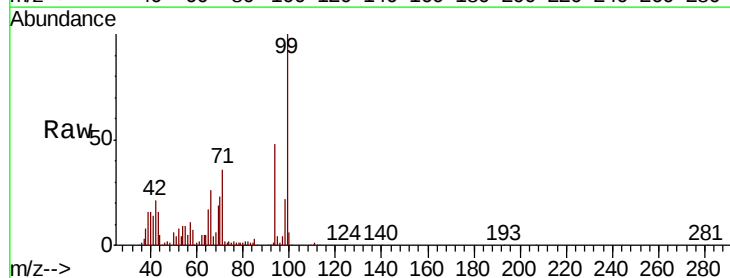
Tgt Ion: 94 Resp: 153215

Ion Ratio Lower Upper

94 100

65 35.0 11.4 51.4

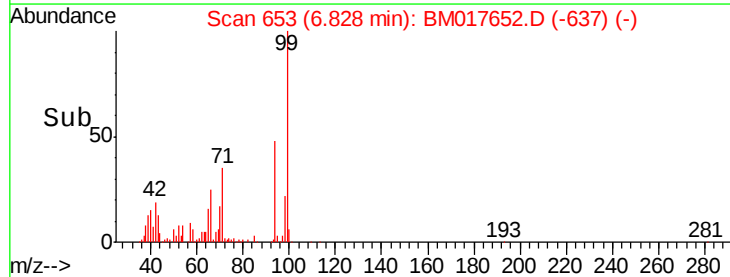
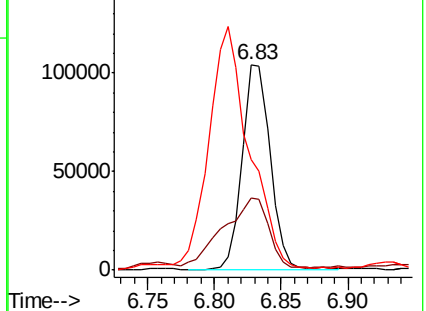
66 53.8 21.4 61.4

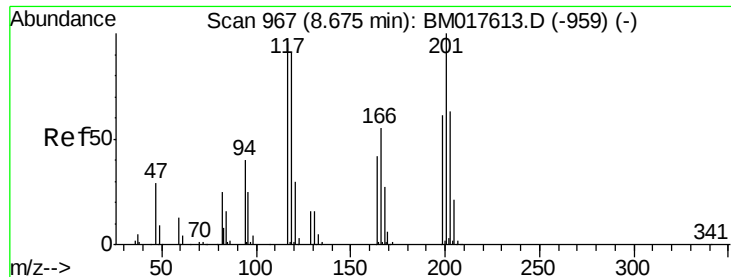


Abundance Ion 94.00 (93.70 to 94.70): BM017613.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017613.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017613.D (-645) (-)

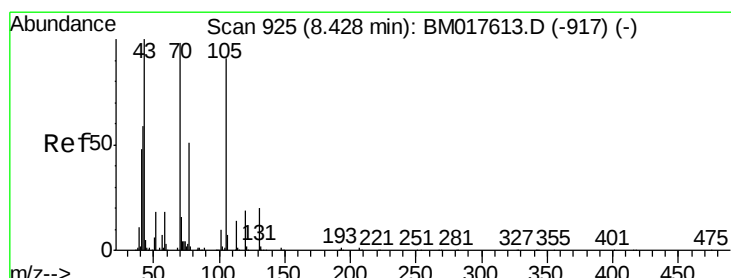
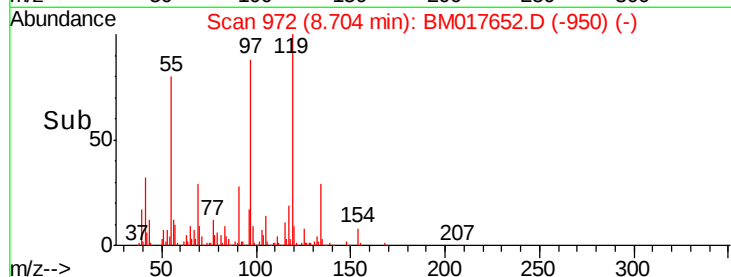
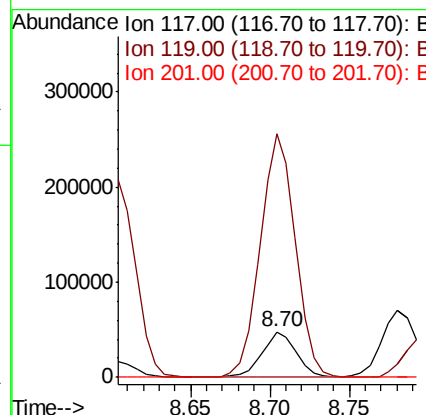
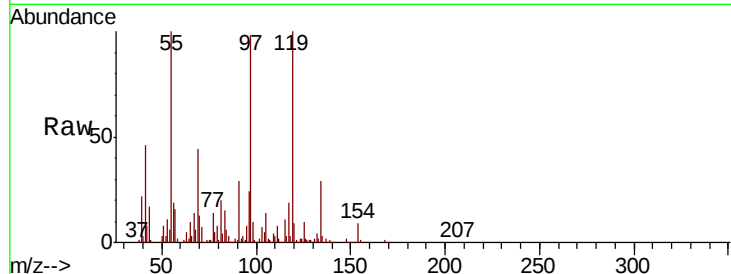




#18
Hexachloroethane
Concen: 9.081 ng
RT: 8.70 min Scan# 972
Delta R.T. 0.03 min
Lab File: BM017652.D
Acq: 14 Nov 2018 18:02

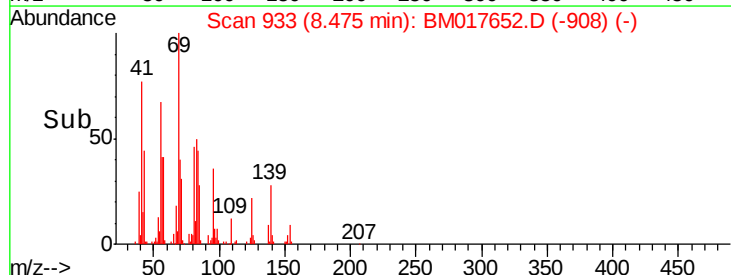
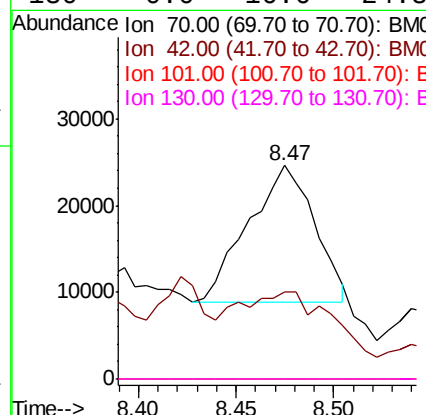
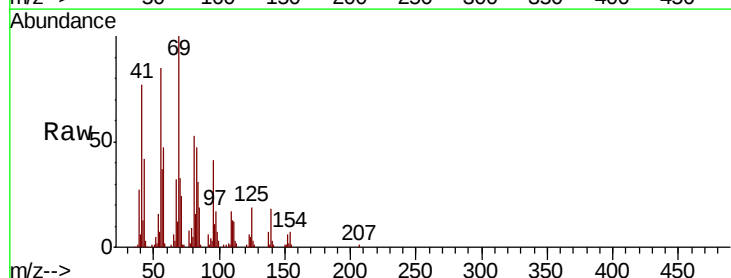
Instrument :
BNA_M
ClientSampleId :
FDSB-10(10-12)

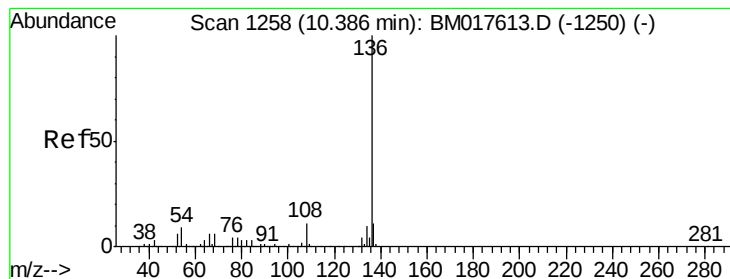
Tgt Ion:117 Resp: 71933
Ion Ratio Lower Upper
117 100
119 533.0 75.8 113.8#
201 0.0 83.0 124.4#



#19
n-Nitroso-di-n-propylamine
Concen: 2.253 ng
RT: 8.47 min Scan# 933
Delta R.T. 0.05 min
Lab File: BM017652.D
Acq: 14 Nov 2018 18:02

Tgt Ion: 70 Resp: 36901
Ion Ratio Lower Upper
70 100
42 40.7 48.6 73.0#
101 0.0 7.9 11.9#
130 0.0 16.6 24.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.39 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BM017652.D

Acq: 14 Nov 2018 18:02

Instrument :

BNA_M

ClientSampleId :

FDSB-10(10-12)

Tgt Ion:136 Resp: 1132976

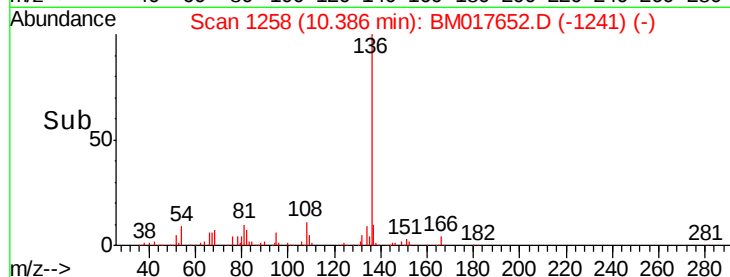
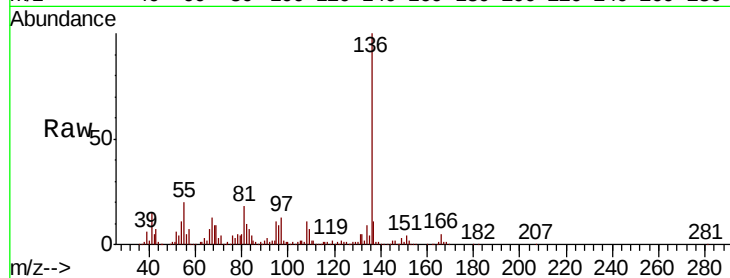
Ion Ratio Lower Upper

136 100

137 11.5 8.6 12.8

54 11.0 7.0 10.6#

68 9.4 4.9 7.3#



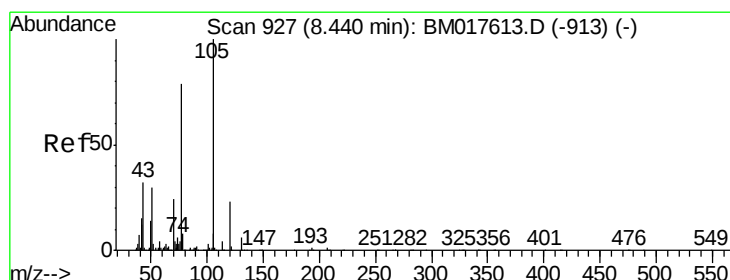
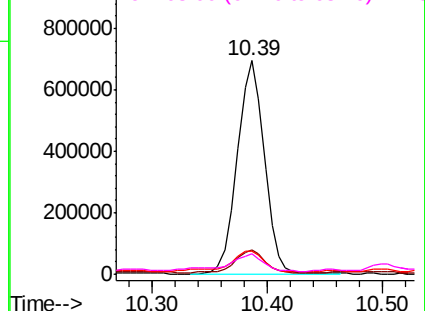
Abundance

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: 3.050 ng

RT: 8.40 min Scan# 921

Delta R.T. -0.04 min

Lab File: BM017652.D

Acq: 14 Nov 2018 18:02

Tgt Ion:105 Resp: 86254

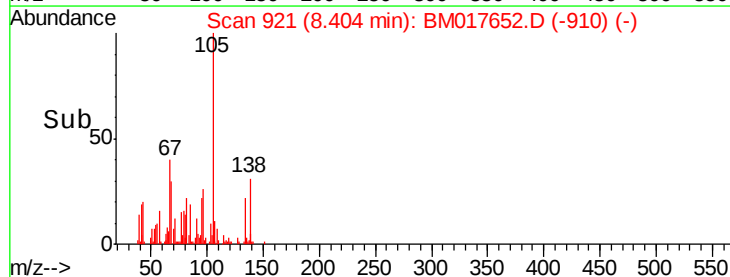
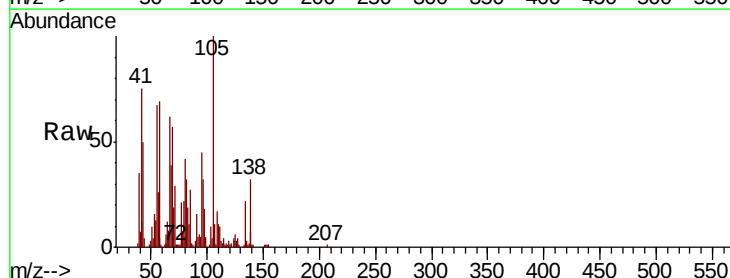
Ion Ratio Lower Upper

105 100

71 29.1 3.1 4.7#

51 9.7 23.8 35.8#

120 0.7 18.0 27.0#



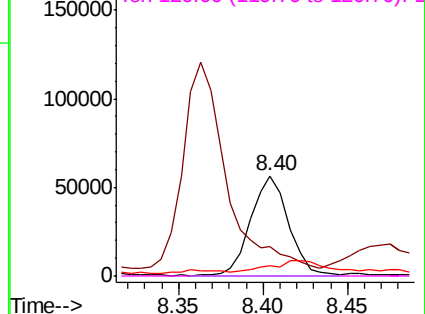
Abundance

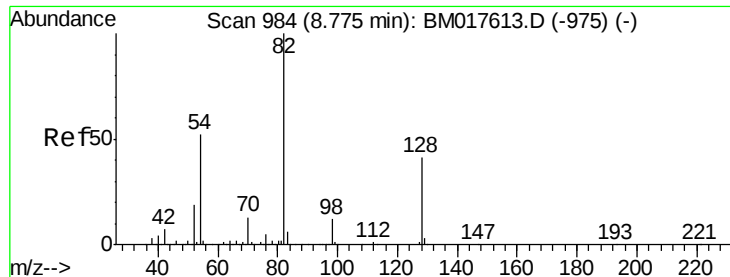
Ion 105.00 (104.70 to 105.70): E

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

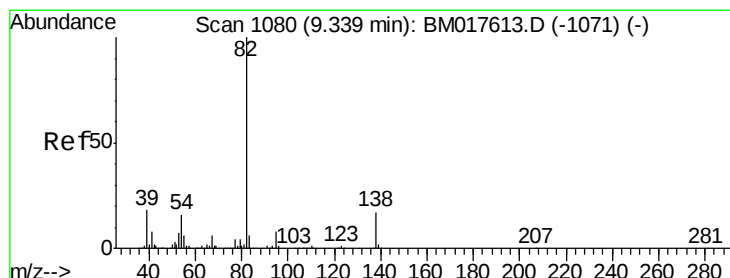
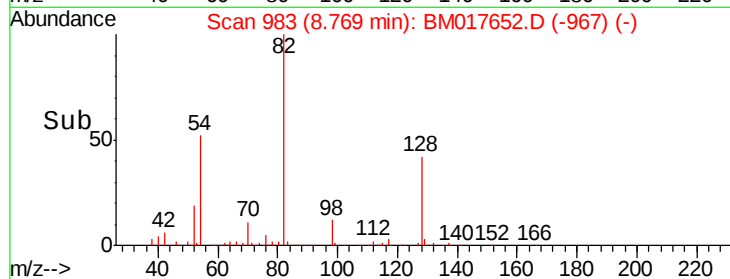
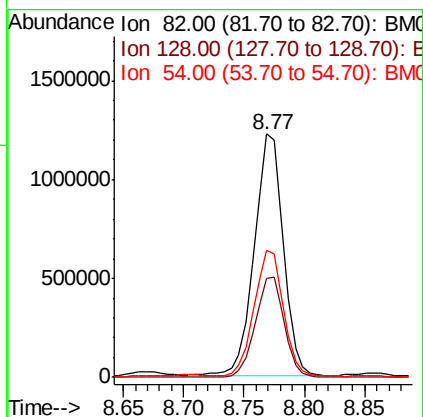
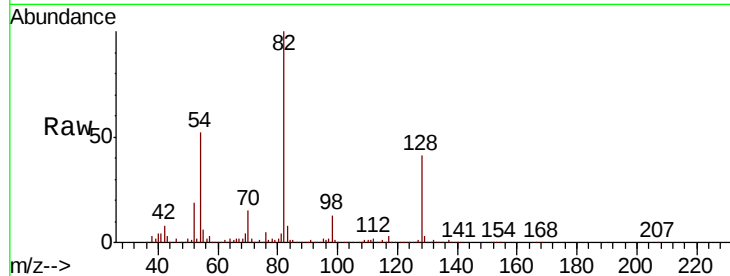




#23
Nitrobenzene-d5
Concen: 92.656 ng
RT: 8.77 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM017652.D
Acq: 14 Nov 2018 18:02

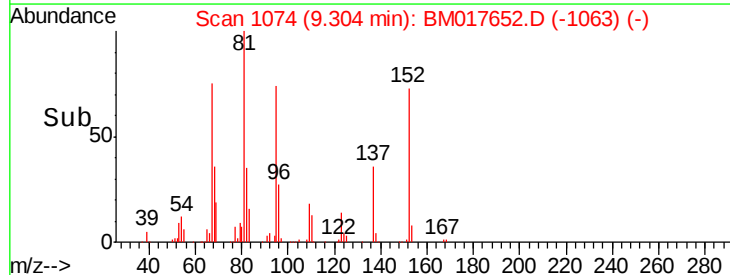
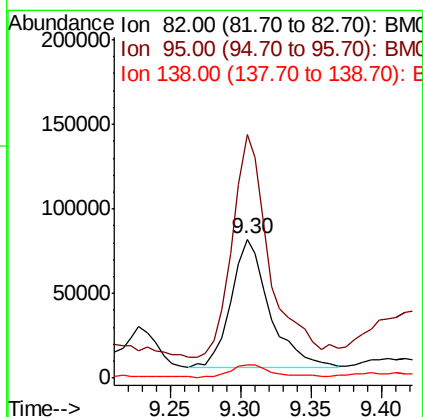
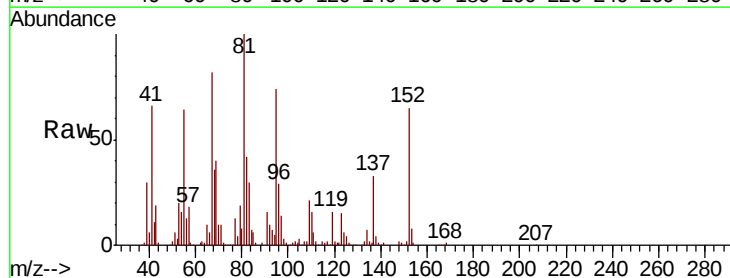
Instrument :
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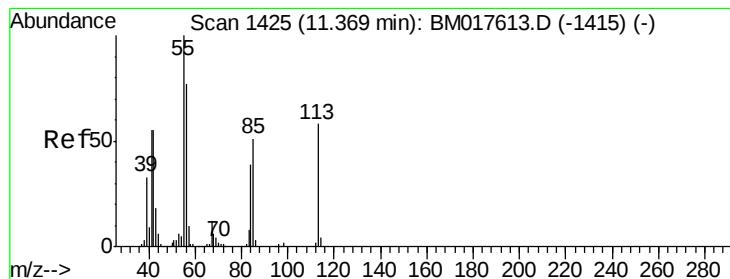
Tgt Ion: 82 Resp: 2033445
Ion Ratio Lower Upper
82 100
128 40.9 33.0 49.4
54 52.0 41.4 62.2



#25
Isophorone
Concen: 4.189 ng
RT: 9.30 min Scan# 1074
Delta R.T. -0.04 min
Lab File: BM017652.D
Acq: 14 Nov 2018 18:02

Tgt Ion: 82 Resp: 142004
Ion Ratio Lower Upper
82 100
95 175.6 6.1 9.1#
138 9.2 13.9 20.9#





#35

Caprolactam

Concen: 39.889 ng

RT: 11.41 min Scan# 1432

Delta R.T. 0.04 min

Lab File: BM017652.D

Acq: 14 Nov 2018 18:02

Instrument :

BNA_M

ClientSampleId :

FDSB-10(10-12)

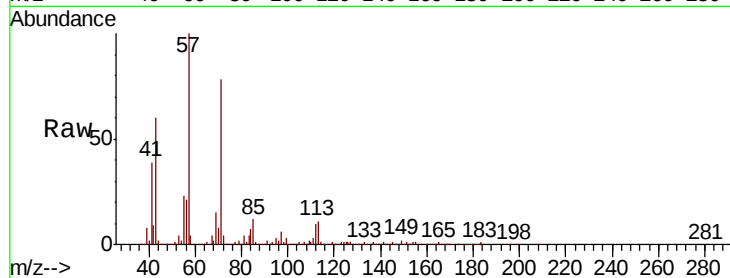
Tgt Ion:113 Resp: 252053

Ion Ratio Lower Upper

113 100

55 211.5 153.1 193.1#

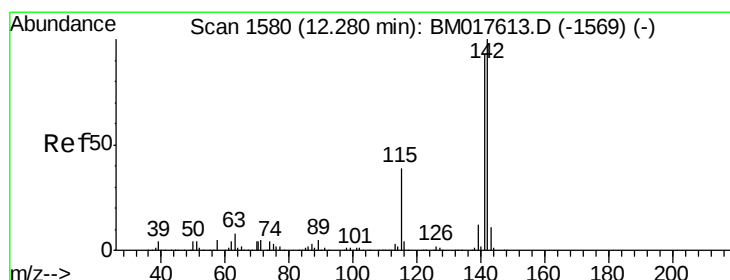
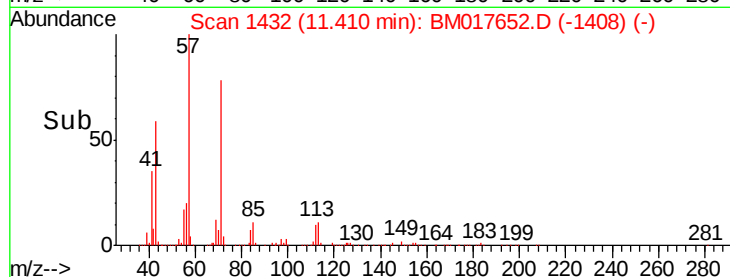
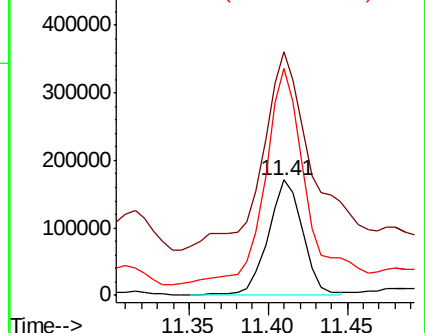
56 196.7 112.7 152.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#38

1-Methylnaphthalene

Concen: 11.156 ng

RT: 12.28 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BM017652.D

Acq: 14 Nov 2018 18:02

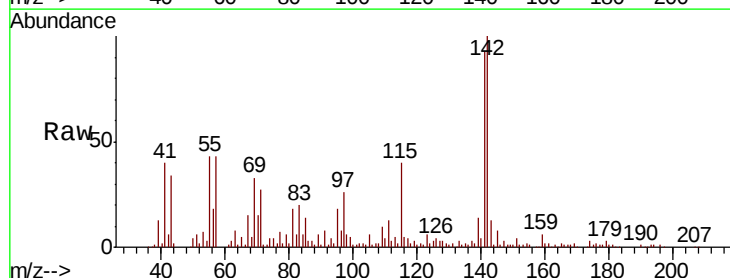
Tgt Ion:142 Resp: 430649

Ion Ratio Lower Upper

142 100

141 93.3 74.2 111.4

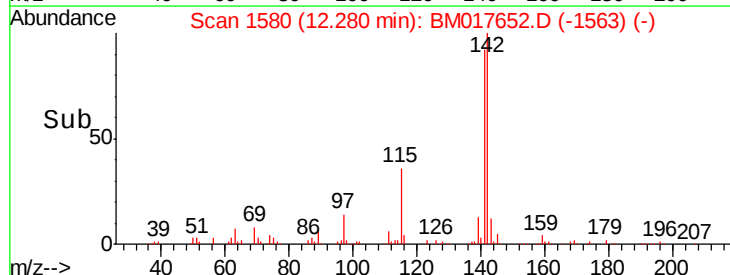
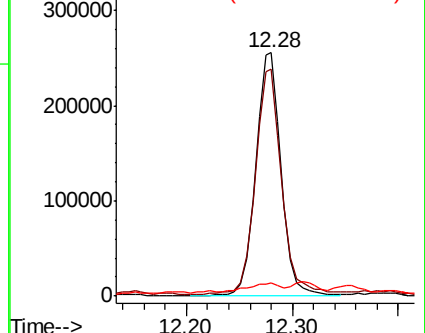
116 5.3 3.1 4.7#

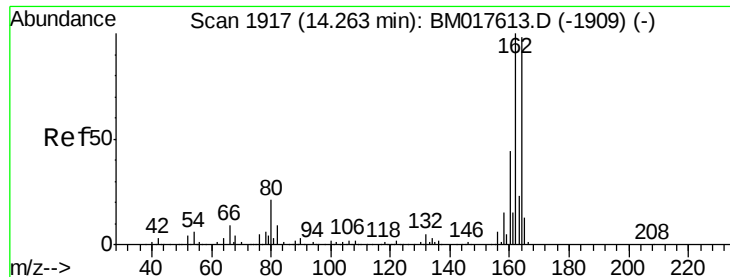


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM017652.D

Acq: 14 Nov 2018 18:02

Instrument :

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ClientSampleId :

FDSB-10(10-12)

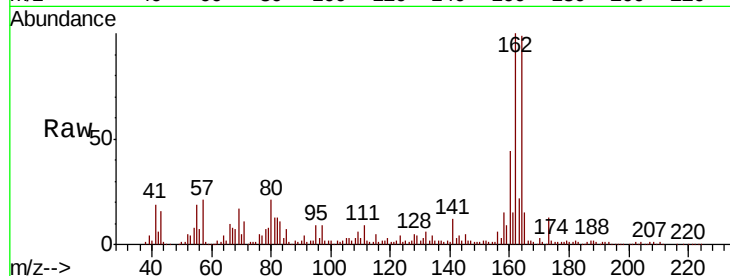
Tgt Ion:164 Resp: 708688

Ion Ratio Lower Upper

164 100

162 101.0 81.4 122.0

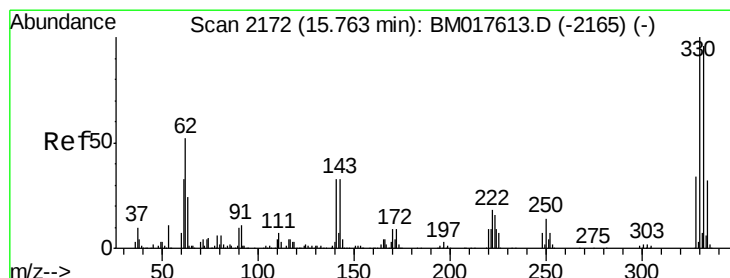
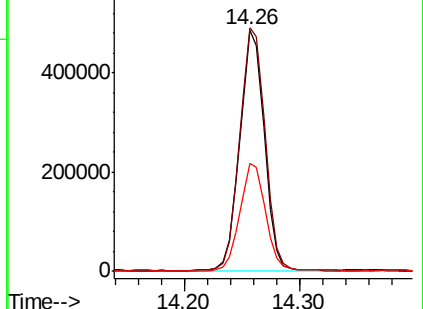
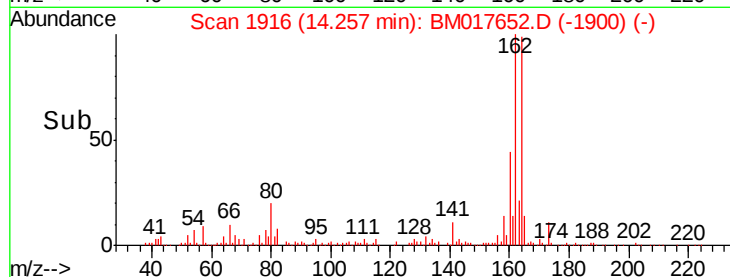
160 44.6 35.6 53.4



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: 162.003 ng

RT: 15.76 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BM017652.D

Acq: 14 Nov 2018 18:02

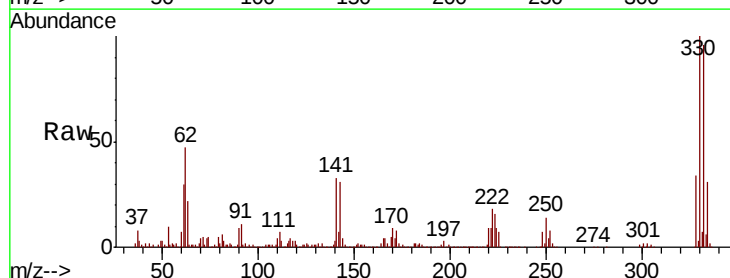
Tgt Ion:330 Resp: 1649655

Ion Ratio Lower Upper

330 100

332 96.9 77.9 116.9

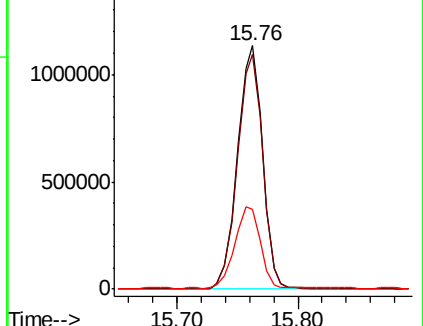
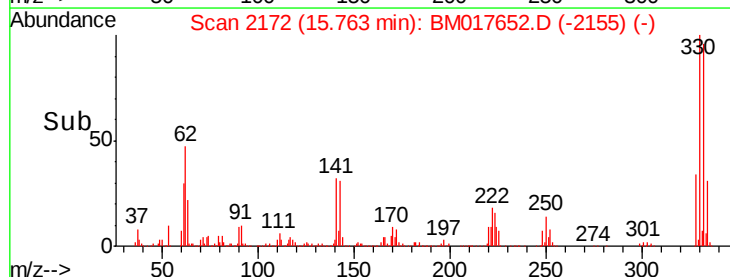
141 33.6 27.5 41.3

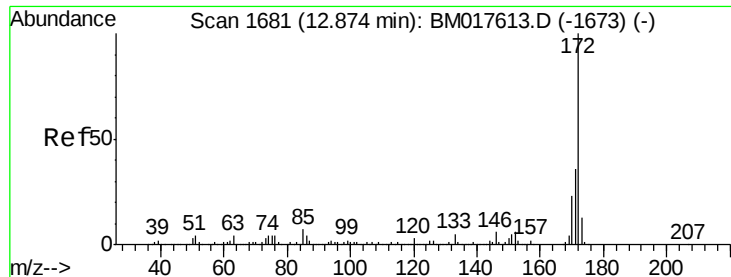


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

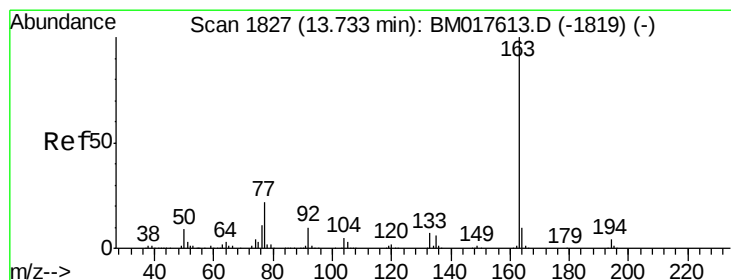
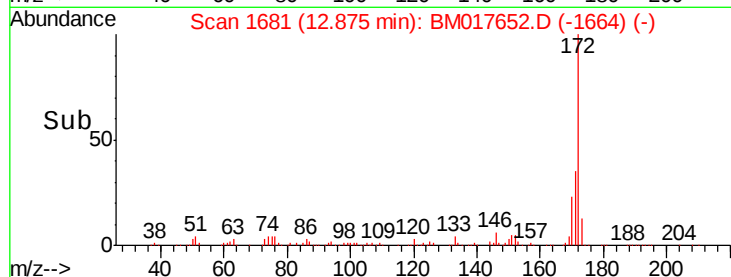
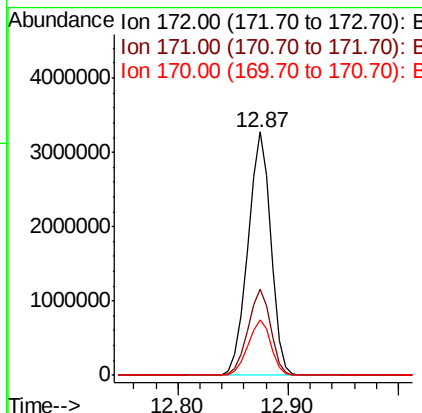
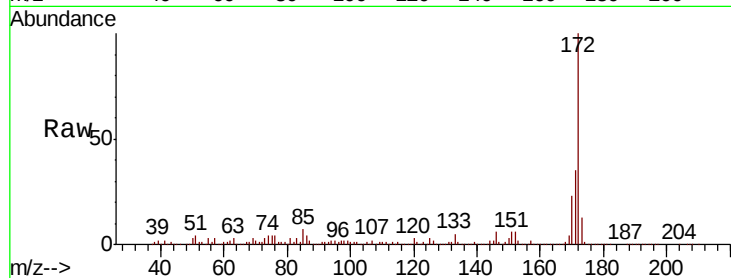




#45
 2-Fluorobiphenyl
 Concen: 87.367 ng
 RT: 12.87 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BM017652.D
 Acq: 14 Nov 2018 18:02

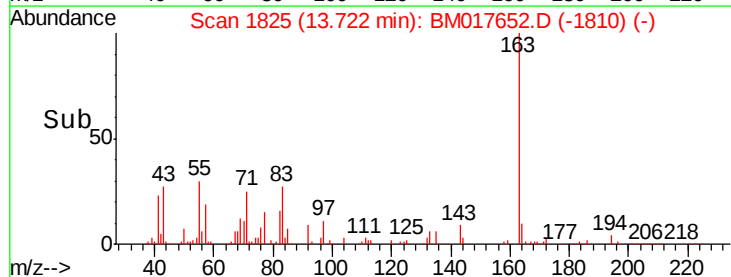
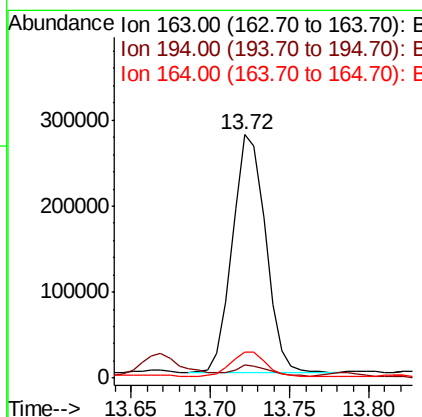
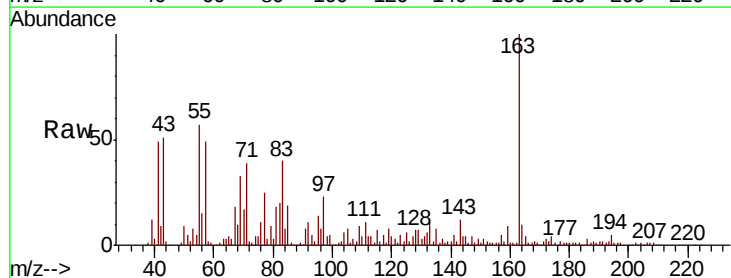
Instrument :
 BNA_M
 ClientSampleId :
 FDSB-10(10-12)

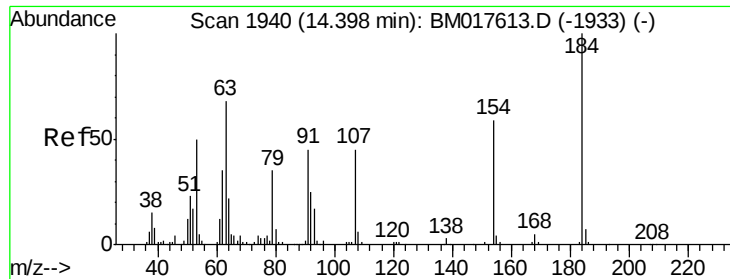
Tgt Ion:172 Resp: 4772568
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.7 43.1
 170 22.8 18.3 27.5



#50
 Dimethylphthalate
 Concen: 6.978 ng
 RT: 13.72 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BM017652.D
 Acq: 14 Nov 2018 18:02

Tgt Ion:163 Resp: 402086
 Ion Ratio Lower Upper
 163 100
 194 5.4 3.1 4.7#
 164 10.4 8.2 12.4





#54

2,4-Dinitrophenol

Concen: 7.220 ng

RT: 14.37 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BM017652.D

Acq: 14 Nov 2018 18:02

Instrument :

BNA_M

ClientSampleId :

FDSB-10(10-12)

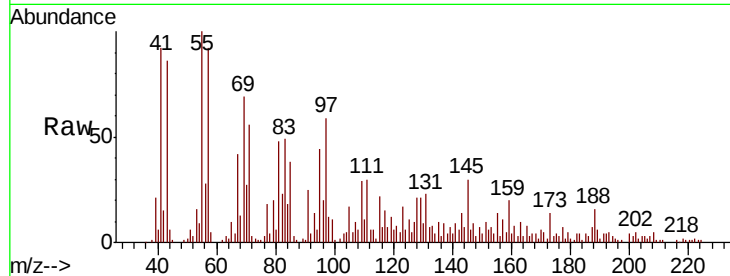
Tgt Ion:184 Resp: 830

Ion Ratio Lower Upper

184 100

63 373.5 55.1 82.7#

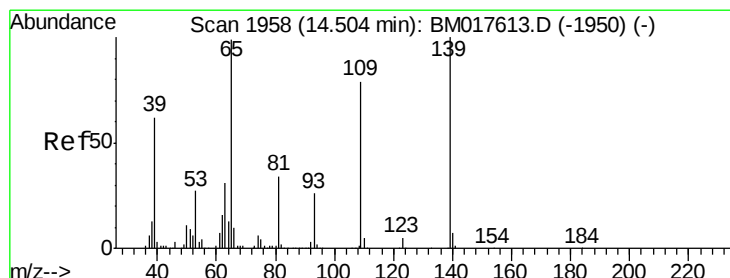
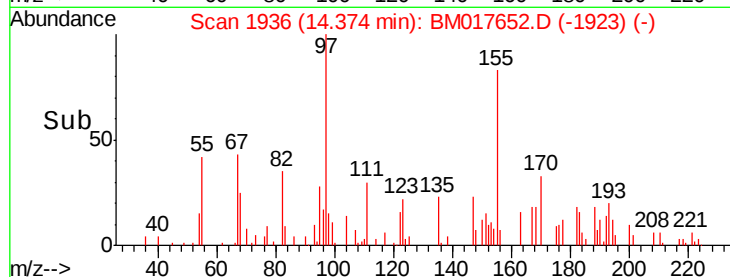
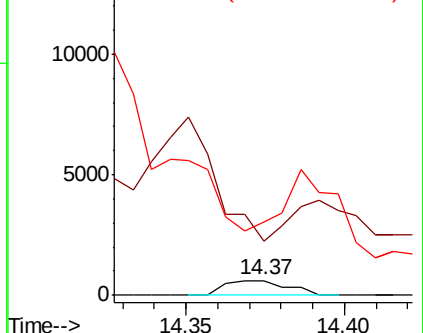
154 504.0 51.3 76.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E



#56

4-Nitrophenol

Concen: 5.810 ng

RT: 14.46 min Scan# 1951

Delta R.T. -0.04 min

Lab File: BM017652.D

Acq: 14 Nov 2018 18:02

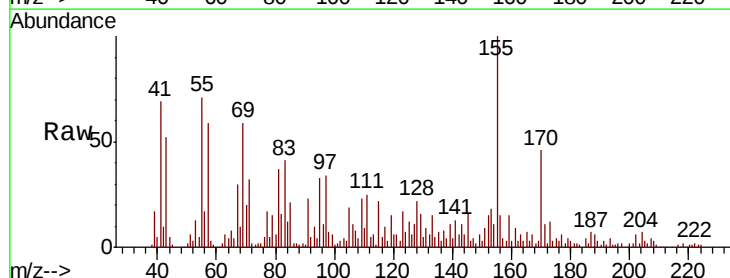
Tgt Ion:139 Resp: 10691

Ion Ratio Lower Upper

139 100

109 200.1 58.6 98.6#

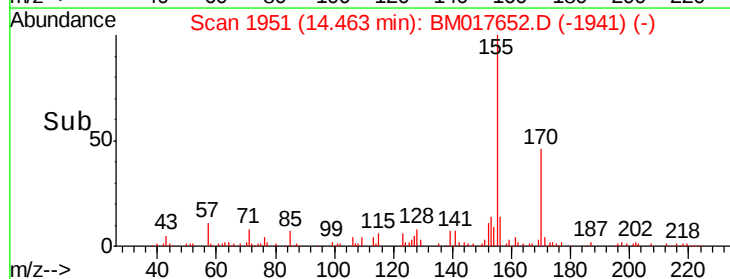
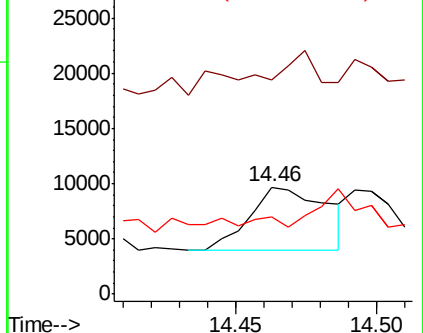
65 72.5 79.5 119.5#

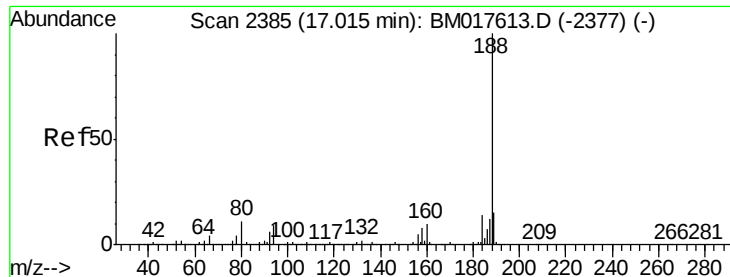


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.01 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM017652.D

Acq: 14 Nov 2018 18:02

Instrument :

BNA_M

ClientSampleId :

FDSB-10(10-12)

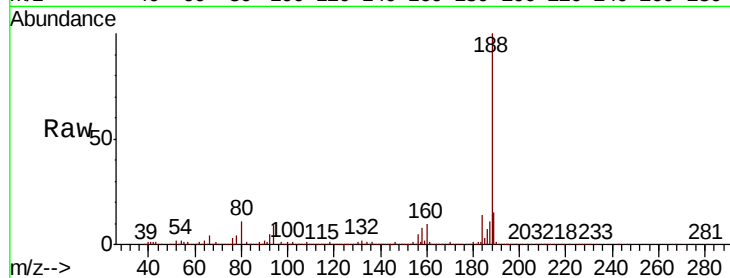
Tgt Ion:188 Resp: 1628961

Ion Ratio Lower Upper

188 100

94 9.2 7.5 11.3

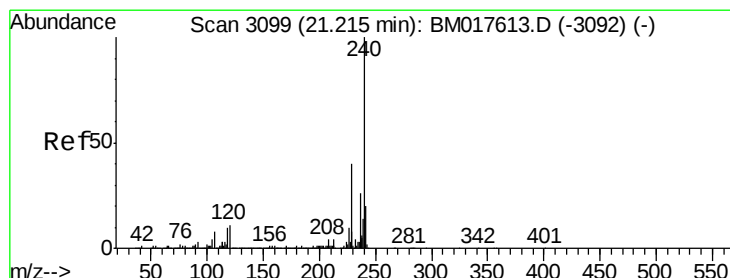
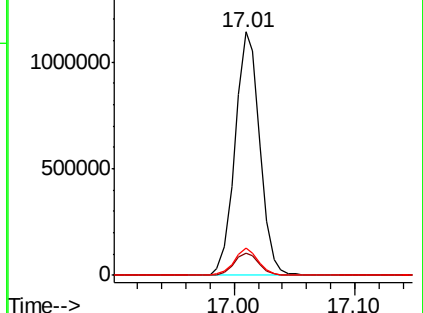
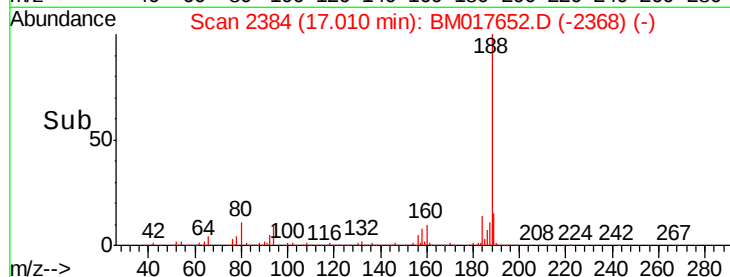
80 11.2 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BM017652.D

Acq: 14 Nov 2018 18:02

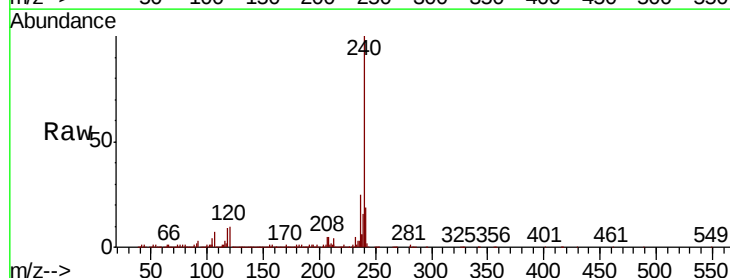
Tgt Ion:240 Resp: 1771605

Ion Ratio Lower Upper

240 100

120 9.7 8.5 12.7

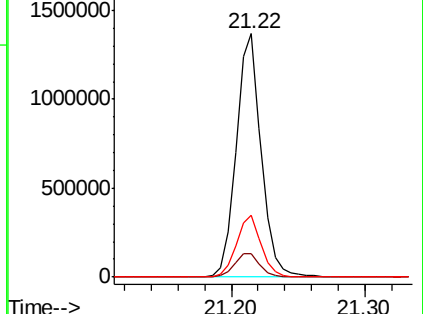
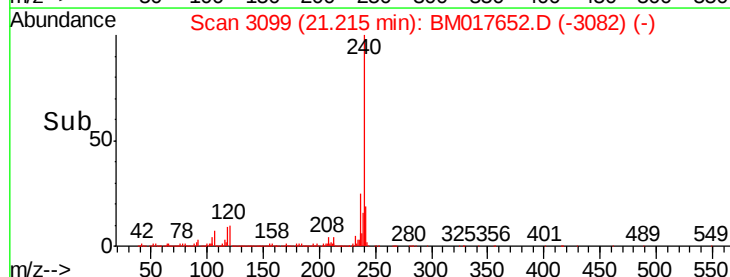
236 25.2 20.4 30.6

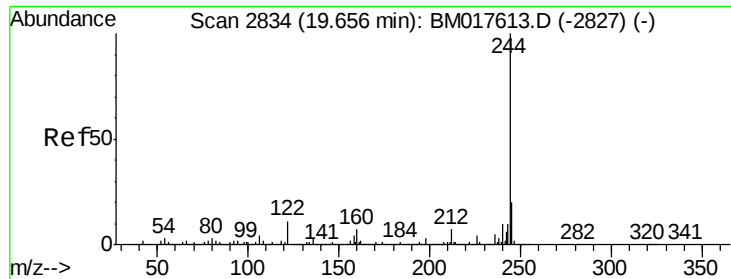


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.476 ng

RT: 19.66 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BM017652.D

Acq: 14 Nov 2018 18:02

Instrument :

BNA_M

ClientSampleId :

FDSB-10(10-12)

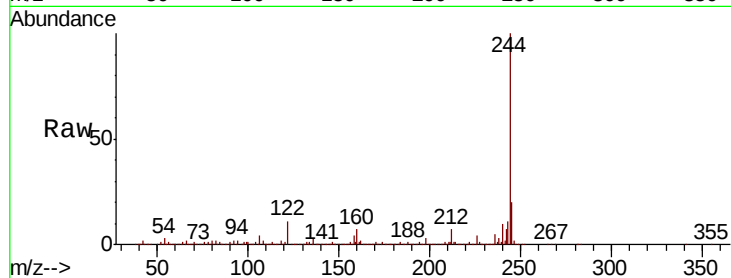
Tgt Ion:244 Resp: 7697660

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

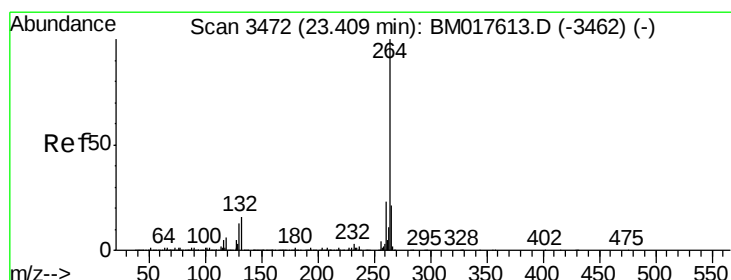
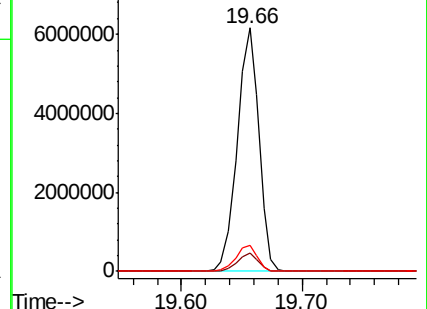
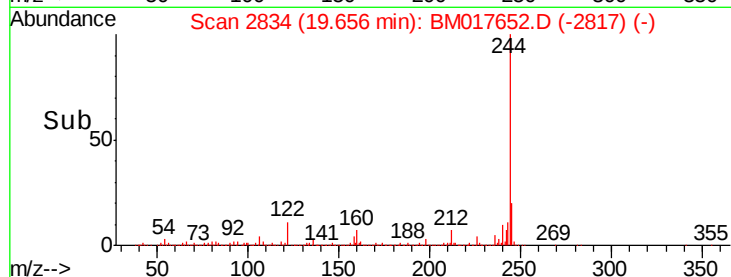
122 10.7 9.0 13.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.41 min Scan# 3472

Delta R.T. 0.00 min

Lab File: BM017652.D

Acq: 14 Nov 2018 18:02

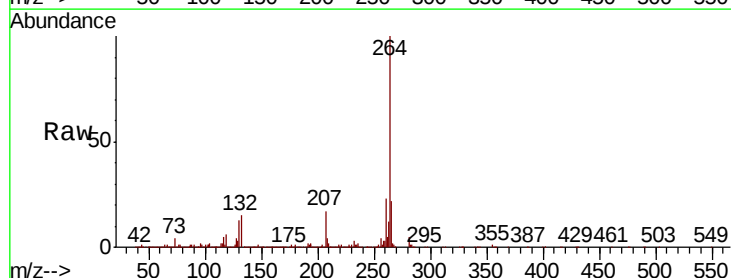
Tgt Ion:264 Resp: 1480619

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

265 22.0 17.5 26.3



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

