

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111418\
 Data File : BM017654.D
 Acq On : 14 Nov 2018 19:14
 Operator : MJ/SJ
 Sample : J5918-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FDSB-11(11-13)

Quant Time: Nov 15 04:01:14 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

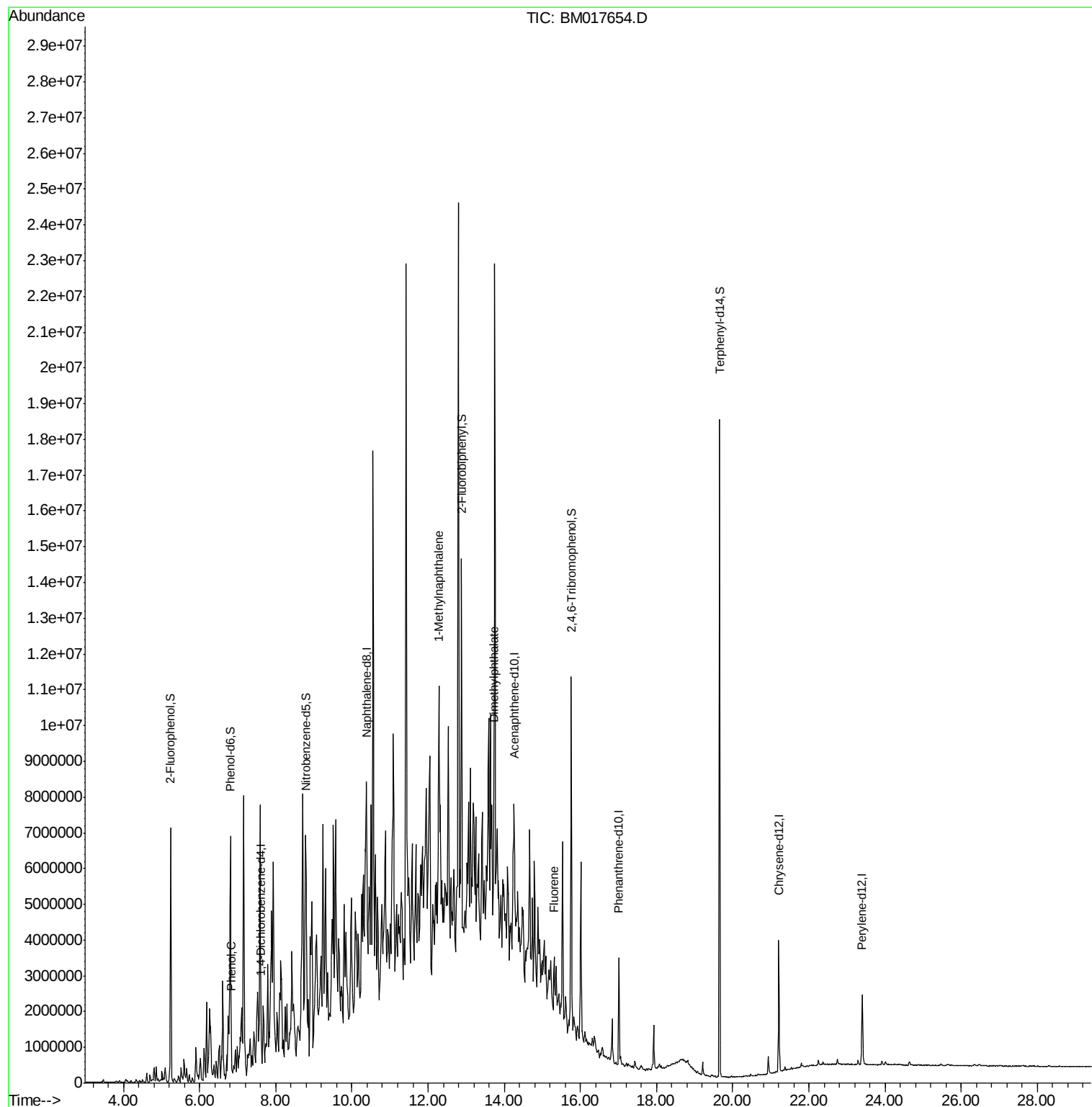
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	294566	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1297985	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	800095	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1746787	20.00	ng	0.00
76) Chrysene-d12	21.21	240	1794018	20.00	ng	0.00
87) Perylene-d12	23.40	264	1459853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2583902	148.04	ng	0.00
7) Phenol-d6	6.81	99	3529160	144.77	ng	0.00
23) Nitrobenzene-d5	8.77	82	2451534	97.51	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	1763913	153.43	ng	0.00
45) 2-Fluorobiphenyl	12.88	172	5482161	88.89	ng	0.00
79) Terphenyl-d14	19.66	244	8228300	103.95	ng	0.00
Target Compounds						
10) Phenol	6.83	94	165155	6.455	ng	98
38) 1-Methylnaphthalene	12.29	142	2802014	63.358	ng	100
50) Dimethylphthalate	13.73	163	580480	8.924	ng	# 97
58) Fluorene	15.32	166	182247	2.964	ng	# 79

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

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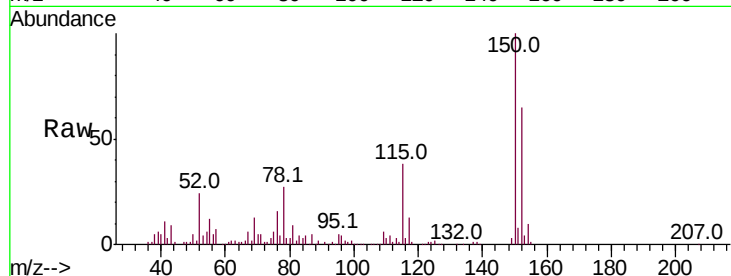


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM017654.D
Acq: 14 Nov 2018 19:14

Instrument :
BNA_M
ClientSampleId :
FDSB-11(11-13)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.4	189.6
115	59.2	49.4	74.0

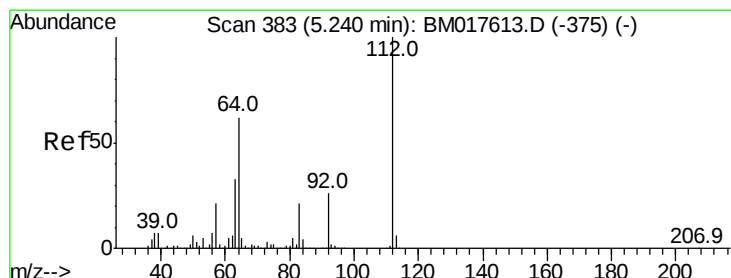
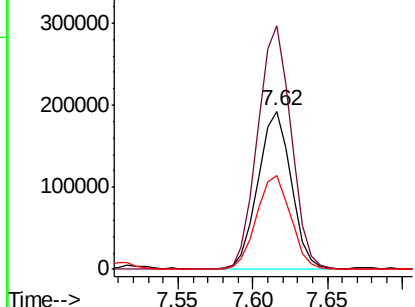
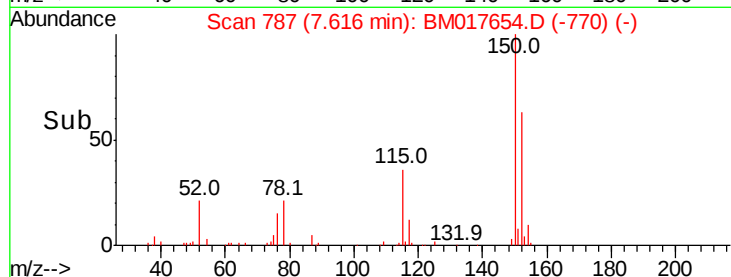


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

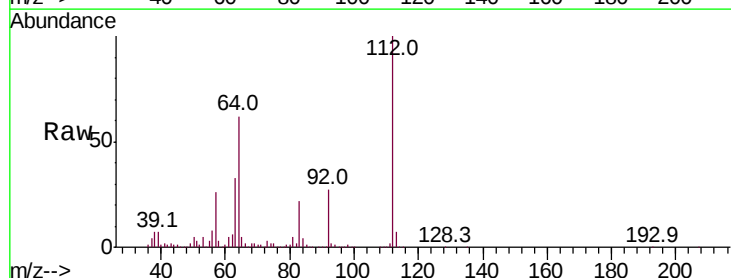
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 148.039 ng
RT: 5.24 min Scan# 383
Delta R.T. 0.00 min
Lab File: BM017654.D
Acq: 14 Nov 2018 19:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	49.3	73.9
63	33.3	26.2	39.4

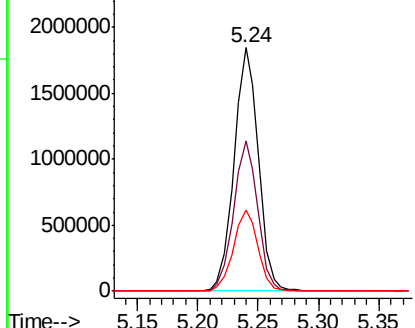
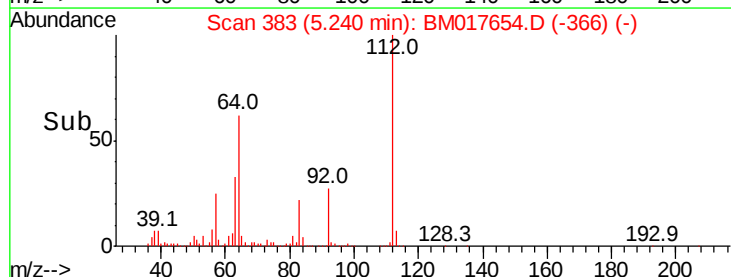


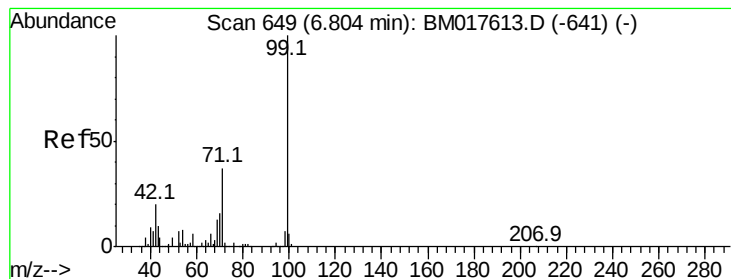
Abundance

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: 144.772 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM017654.D

Acq: 14 Nov 2018 19:14

Instrument :

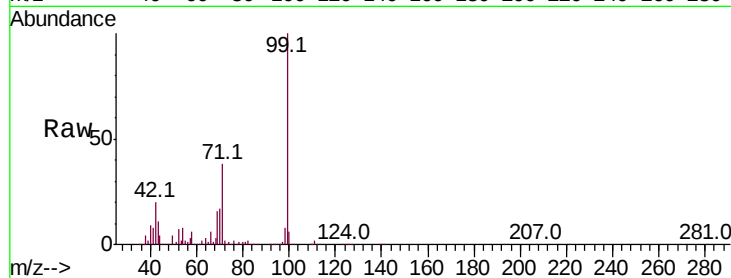
BNA_M

ClientSampleId :

FDSB-11(11-13)

Tot Ion: 99 Resp: 3529160

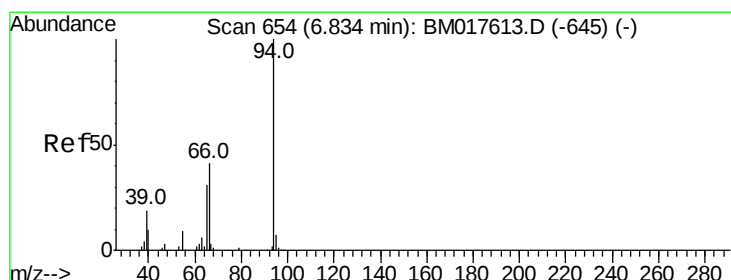
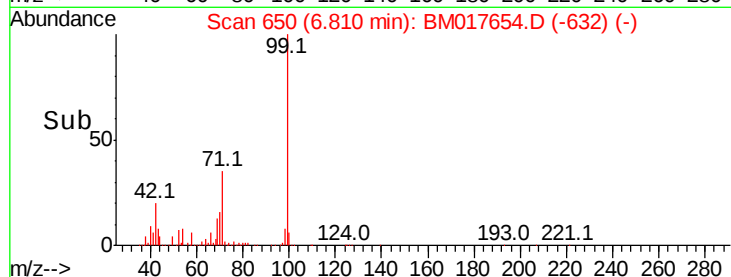
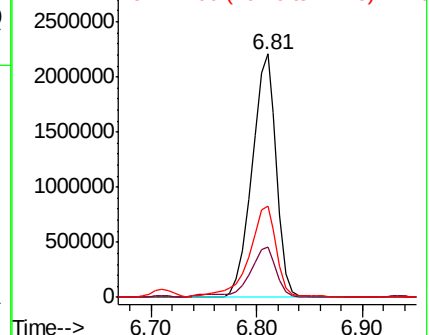
Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.3	24.5
71	37.7	29.8	44.8



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: 6.455 ng

RT: 6.83 min Scan# 654

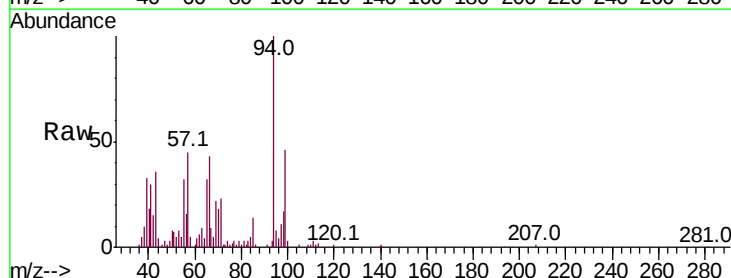
Delta R.T. -0.00 min

Lab File: BM017654.D

Acq: 14 Nov 2018 19:14

Tgt Ion: 94 Resp: 165155

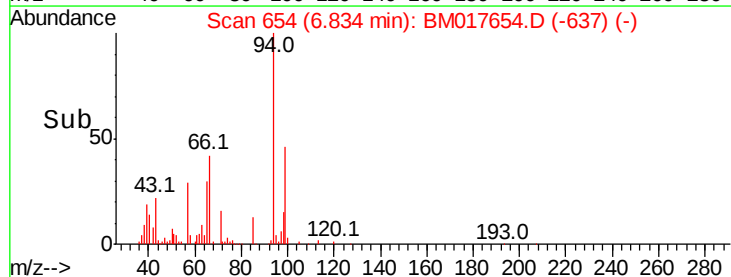
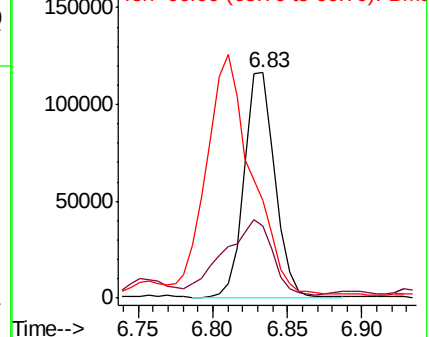
Ion	Ratio	Lower	Upper
94	100		
65	32.0	11.4	51.4
66	43.2	21.4	61.4

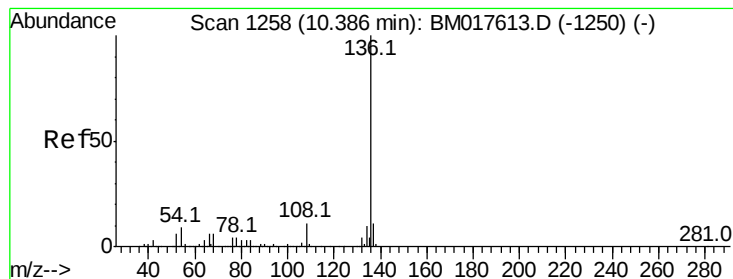


Abundance Ion 94.00 (93.70 to 94.70): BM017613.D (-645) (-)

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

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.39 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BM017654.D

Acq: 14 Nov 2018 19:14

Instrument :

BNA_M

ClientSampleId :

FDSB-11(11-13)

Tot Ion:136 Resp: 1297985

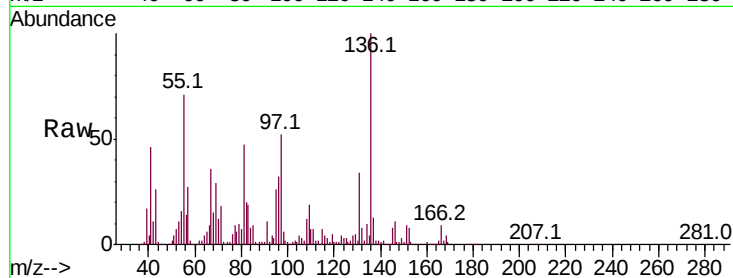
Ion Ratio Lower Upper

136 100

137 13.3 8.6 12.8#

54 16.1 7.0 10.6#

68 15.5 4.9 7.3#



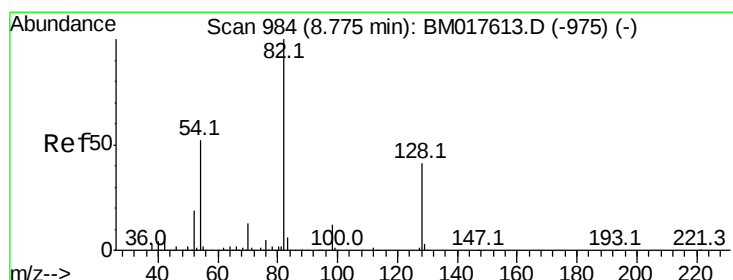
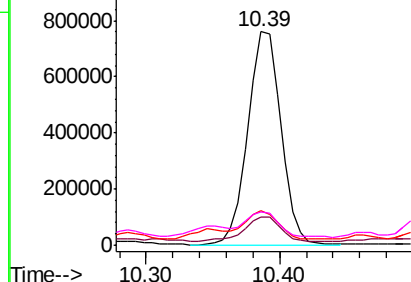
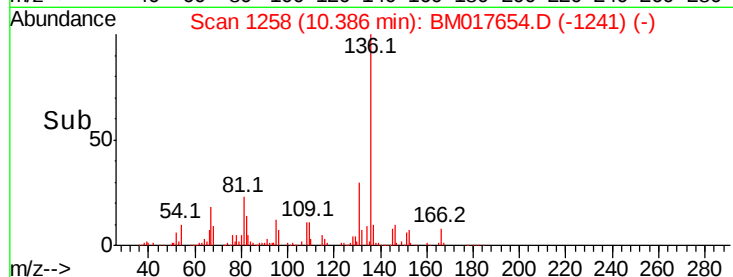
Abundance

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): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 97.506 ng

RT: 8.77 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM017654.D

Acq: 14 Nov 2018 19:14

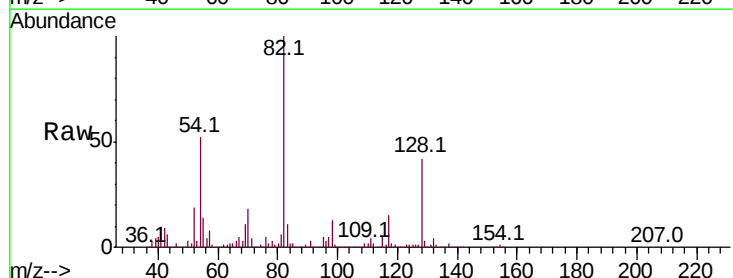
Tgt Ion: 82 Resp: 2451534

Ion Ratio Lower Upper

82 100

128 42.4 33.0 49.4

54 51.6 41.4 62.2

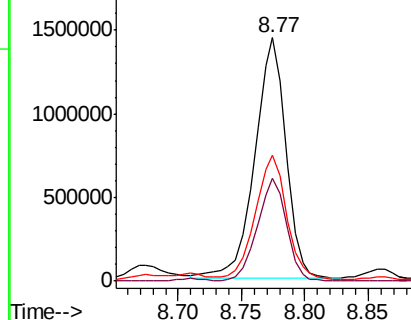
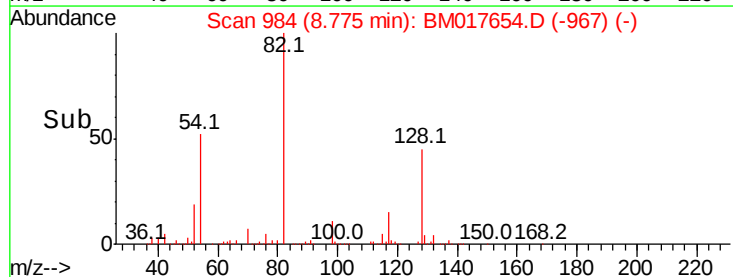


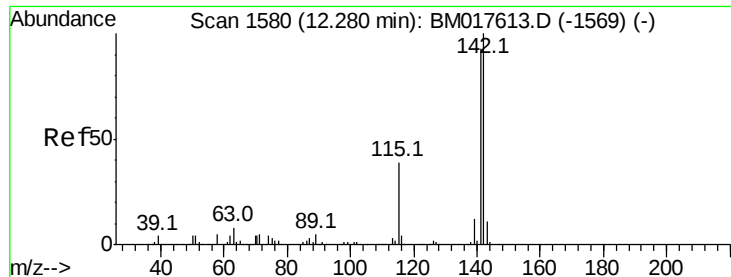
Abundance

Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

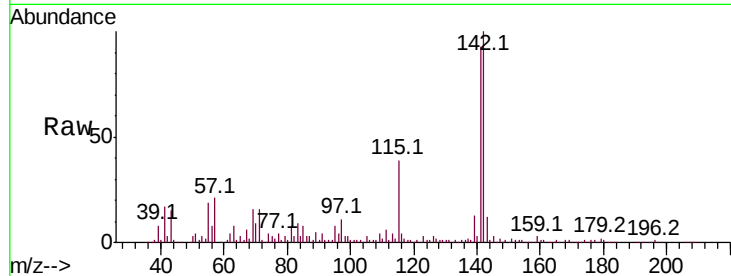




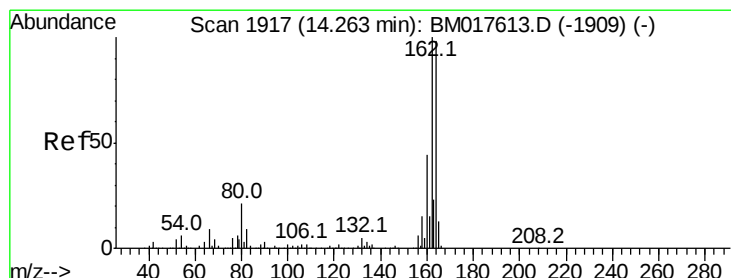
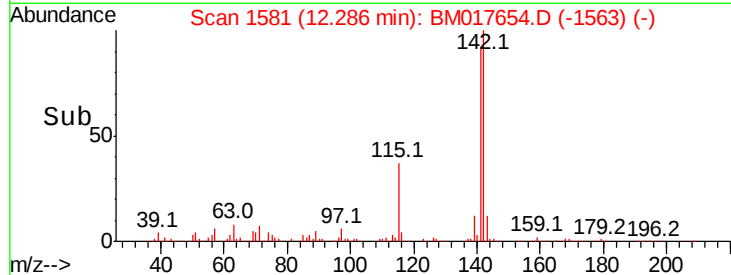
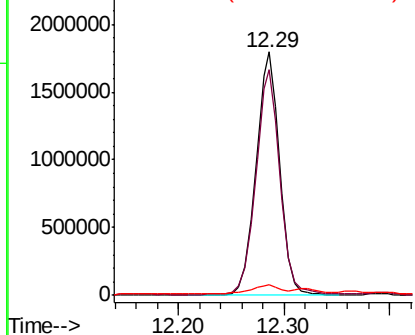
#38
1-Methylnaphthalene
Concen: 63.358 ng
RT: 12.29 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BM017654.D
Acq: 14 Nov 2018 19:14

Instrument :
BNA_M
ClientSampleId :
FDSB-11(11-13)

Tot Ion:142 Resp: 2802014
Ion Ratio Lower Upper
142 100
141 92.7 74.2 111.4
116 4.2 3.1 4.7

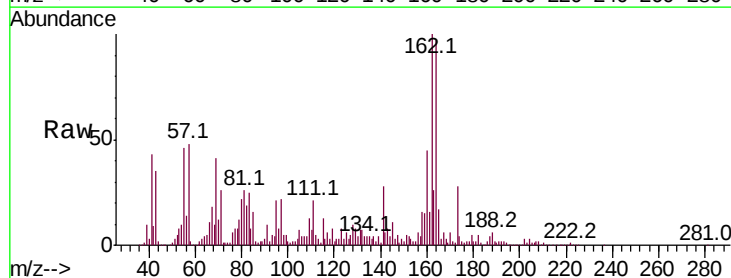


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

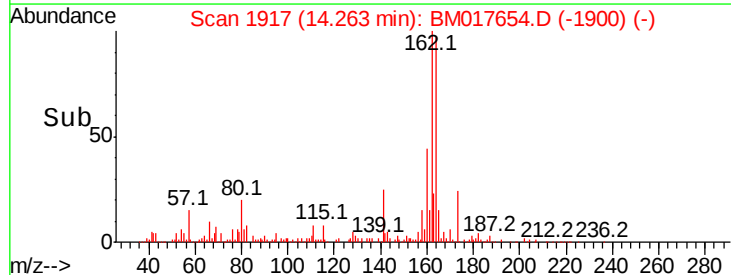
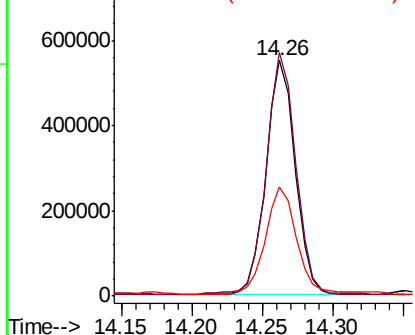


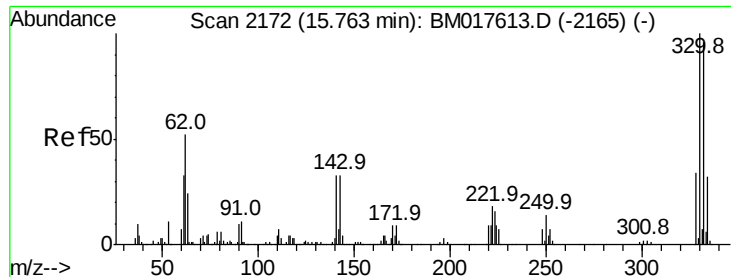
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM017654.D
Acq: 14 Nov 2018 19:14

Tgt Ion:164 Resp: 800095
Ion Ratio Lower Upper
164 100
162 103.3 81.4 122.0
160 46.2 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



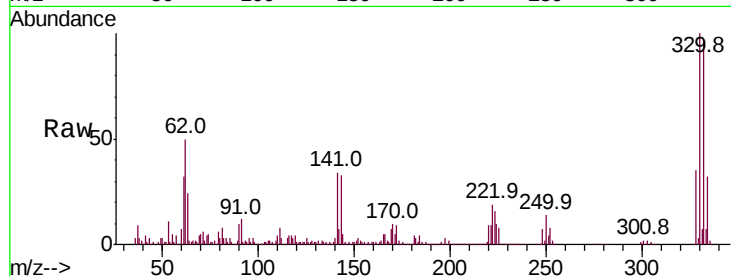


#42
 2,4,6-Tribromophenol
 Concen: 153.434 ng
 RT: 15.76 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BM017654.D
 Acq: 14 Nov 2018 19:14

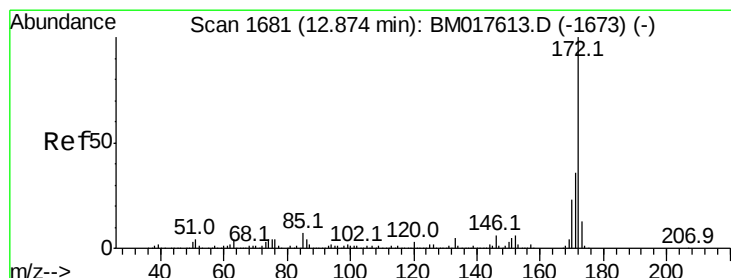
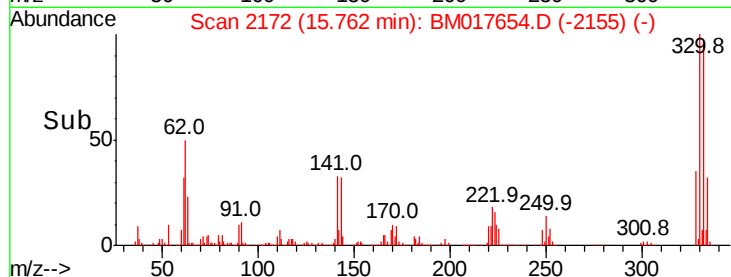
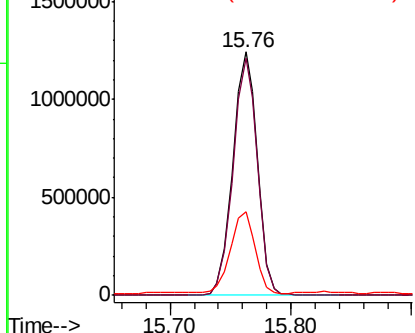
Instrument :
 BNA_M
 ClientSampleId :
 FDSB-11(11-13)

Tot Ion:330 Resp: 1763913

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.9	116.9
141	33.1	27.5	41.3



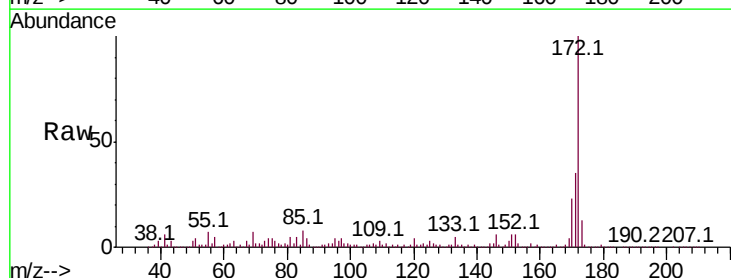
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



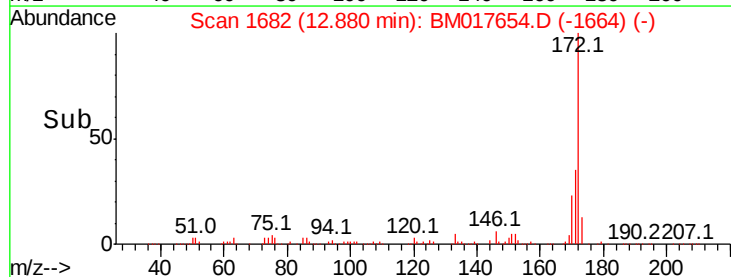
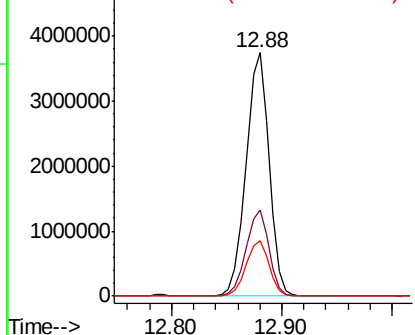
#45
 2-Fluorobiphenyl
 Concen: 88.892 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. 0.01 min
 Lab File: BM017654.D
 Acq: 14 Nov 2018 19:14

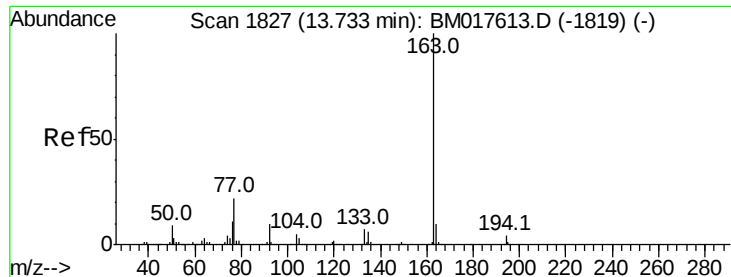
Tgt Ion:172 Resp: 5482161

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	23.0	18.3	27.5



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: 8.924 ng

RT: 13.73 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM017654.D

Acq: 14 Nov 2018 19:14

Instrument :

BNA_M

ClientSampleId :

FDSB-11(11-13)

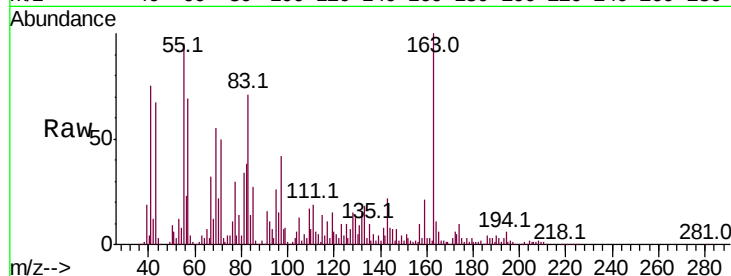
Tot Ion:163 Resp: 580480

Ion Ratio Lower Upper

163 100

194 5.6 3.1 4.7#

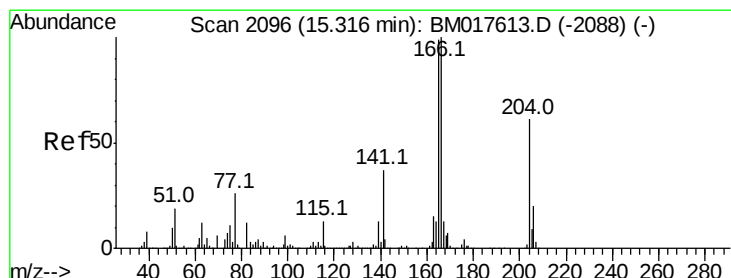
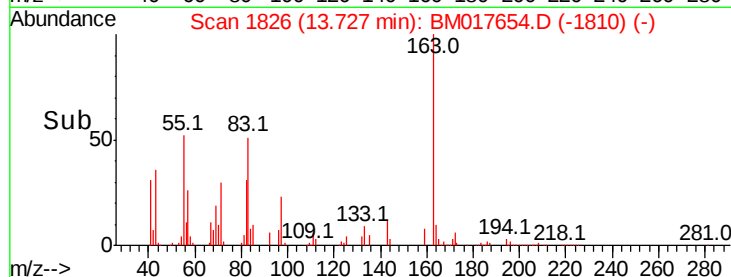
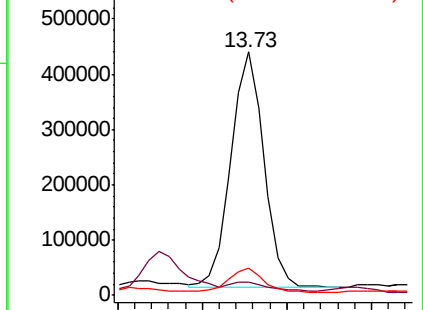
164 11.3 8.2 12.4



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



#58

Fluorene

Concen: 2.964 ng

RT: 15.32 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BM017654.D

Acq: 14 Nov 2018 19:14

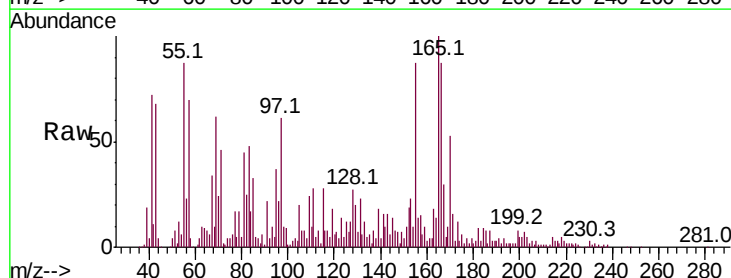
Tgt Ion:166 Resp: 182247

Ion Ratio Lower Upper

166 100

165 115.0 79.0 118.6

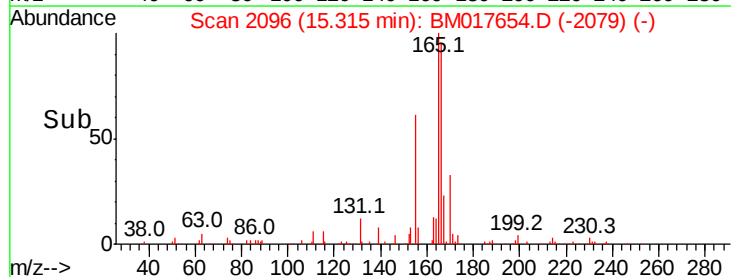
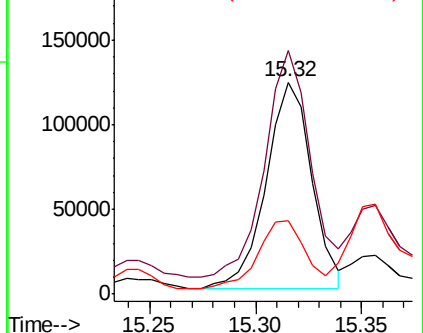
167 34.8 10.8 16.2#

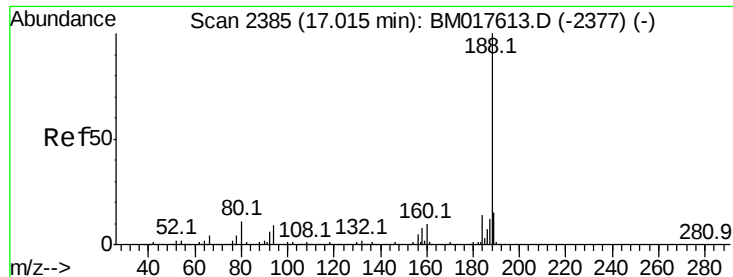


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

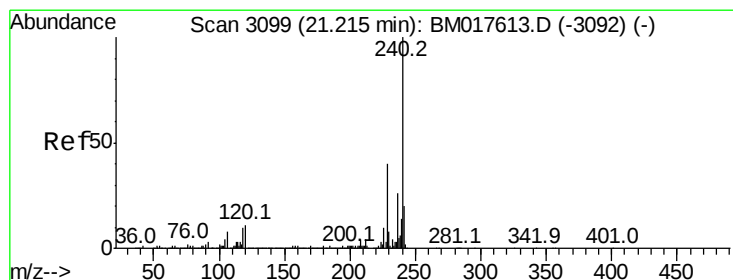
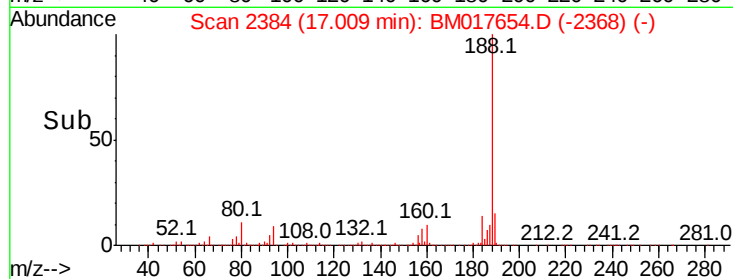
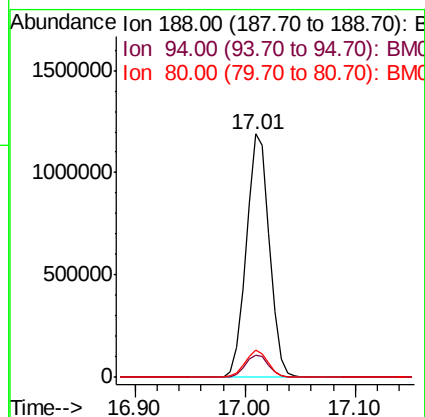
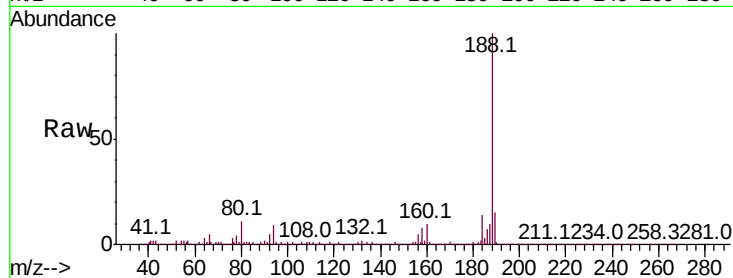




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM017654.D
Acq: 14 Nov 2018 19:14

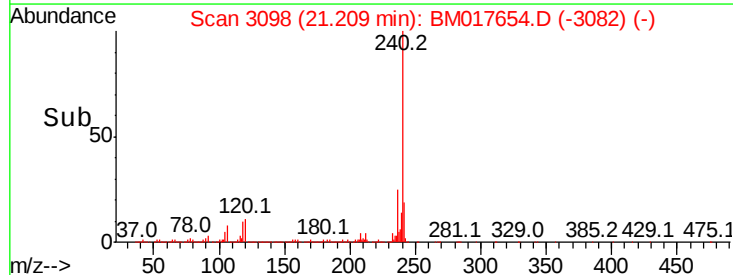
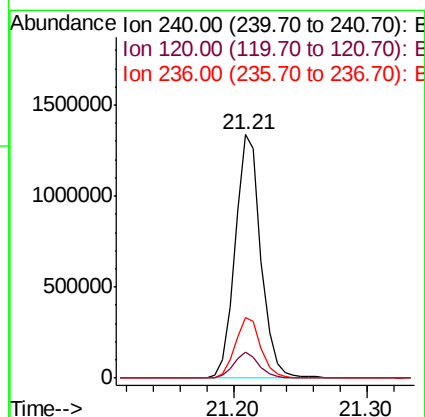
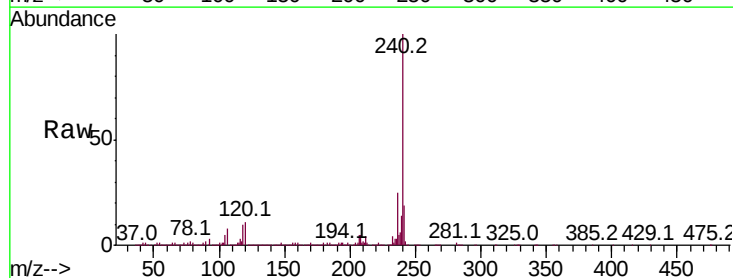
Instrument :
BNA_M
ClientSampleId :
FDSB-11(11-13)

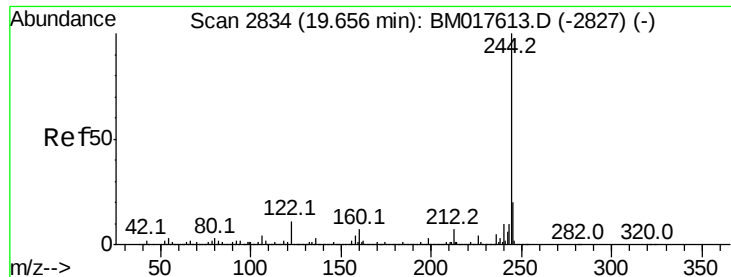
Tot Ion:188 Resp: 1746787
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 11.1 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.21 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM017654.D
Acq: 14 Nov 2018 19:14

Tgt Ion:240 Resp: 1794018
Ion Ratio Lower Upper
240 100
120 10.7 8.5 12.7
236 24.9 20.4 30.6





#79

Terphenyl-d14

Concen: 103.950 ng

RT: 19.66 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BM017654.D

Acq: 14 Nov 2018 19:14

Instrument :

BNA_M

ClientSampleId :

FDSB-11(11-13)

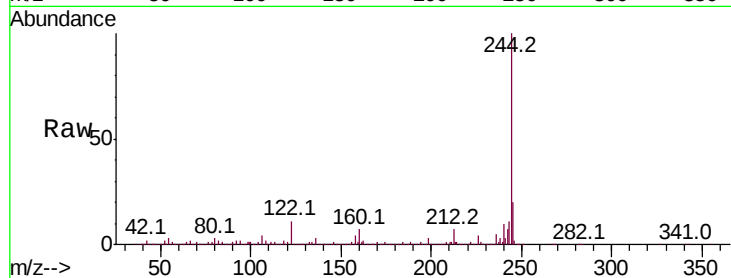
Tot Ion:244 Resp: 8228300

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

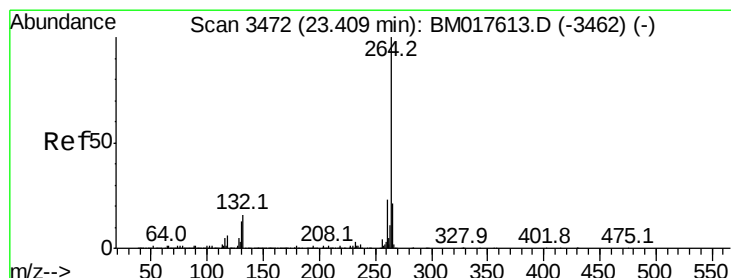
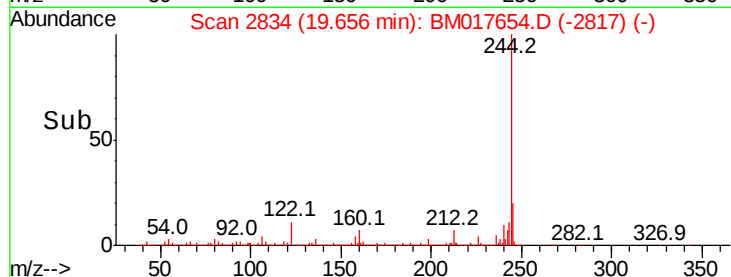
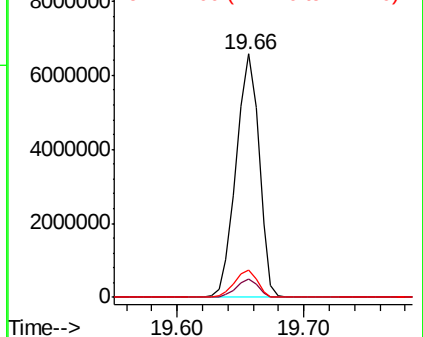
122 11.3 9.0 13.6



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: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM017654.D

Acq: 14 Nov 2018 19:14

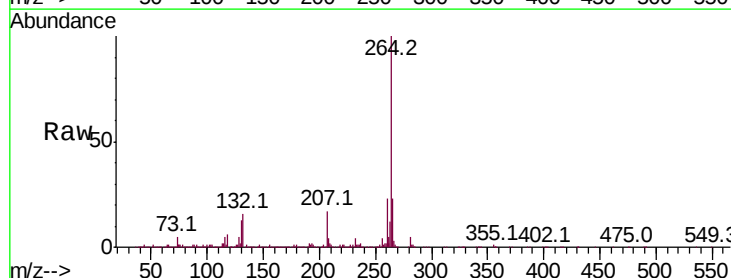
Tgt Ion:264 Resp: 1459853

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

265 22.5 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

