

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111618\
 Data File : BM017683.D
 Acq On : 16 Nov 2018 16:43
 Operator : MJ/SJ
 Sample : J5959-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 111418-TIPC-E-U-M

Quant Time: Nov 16 22:34:46 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

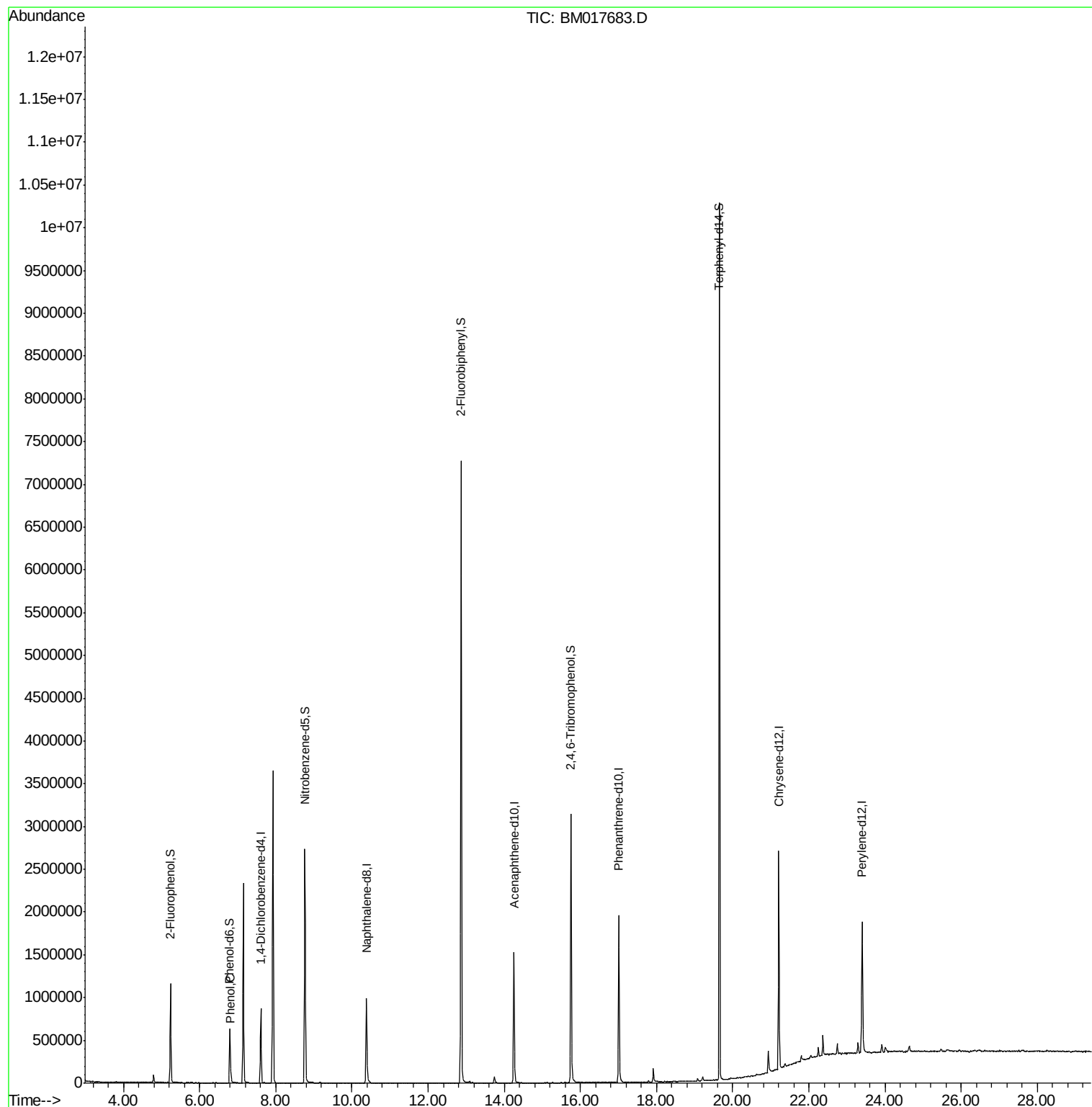
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	219676	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	887322	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	519790	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1215309	20.00	ng	0.00
76) Chrysene-d12	21.21	240	1226076	20.00	ng	0.00
87) Perylene-d12	23.40	264	1112353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	452965	34.80	ng	0.00
7) Phenol-d6	6.79	99	347987	19.14	ng	-0.01
23) Nitrobenzene-d5	8.76	82	1593372	92.70	ng	-0.01
42) 2,4,6-Tribromophenol	15.76	330	590543	79.07	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3696713	92.27	ng	0.00
79) Terphenyl-d14	19.65	244	4609277	85.20	ng	0.00
Target Compounds						
10) Phenol	6.82	94	41800	2.191	ng	Qvalue 95

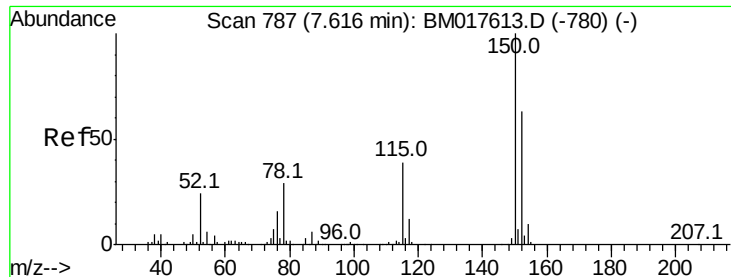
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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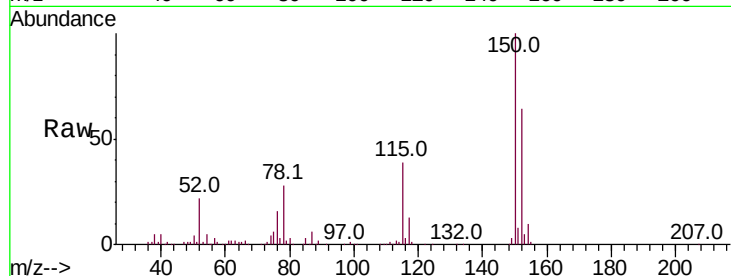


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM017683.D
Acq: 16 Nov 2018 16:43

Instrument :
BNA_M
ClientSampleId :
111418-TIPC-E-U-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.4	189.6
115	60.7	49.4	74.0

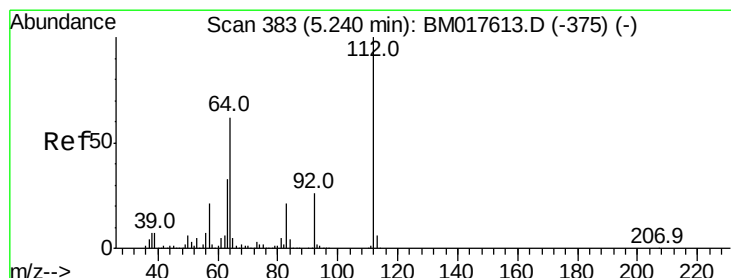
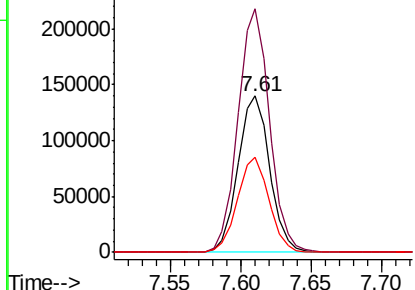
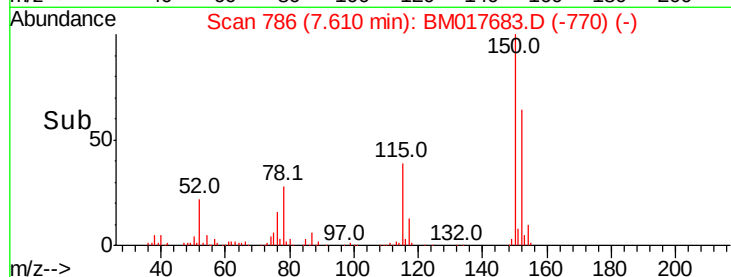


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

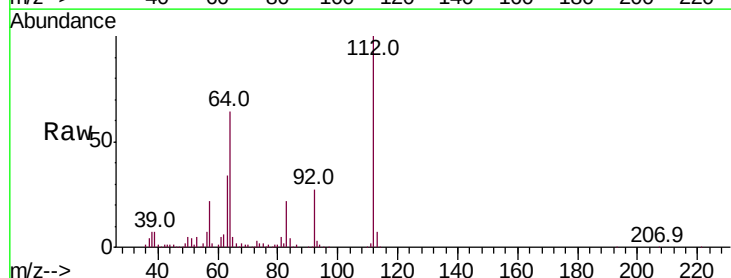
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 34.799 ng
RT: 5.23 min Scan# 382
Delta R.T. -0.01 min
Lab File: BM017683.D
Acq: 16 Nov 2018 16:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	49.3	73.9
63	33.8	26.2	39.4

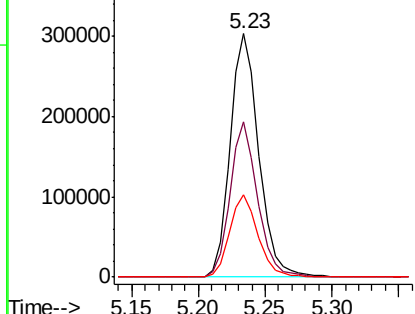
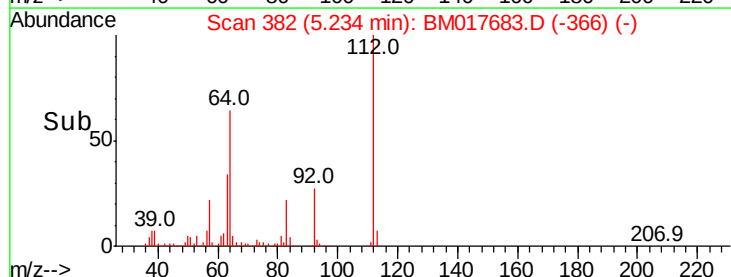


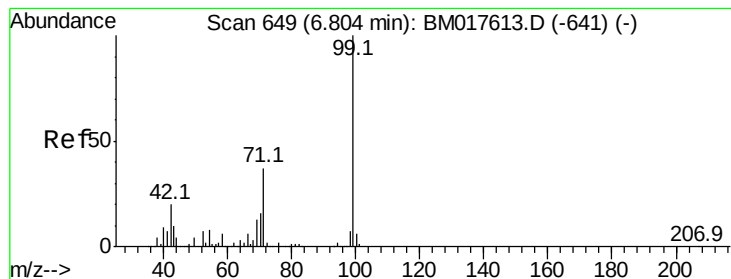
Abundance

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: 19.142 ng

RT: 6.79 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM017683.D

Acq: 16 Nov 2018 16:43

Instrument :

BNA_M

ClientSampleId :

111418-TIPC-E-U-M

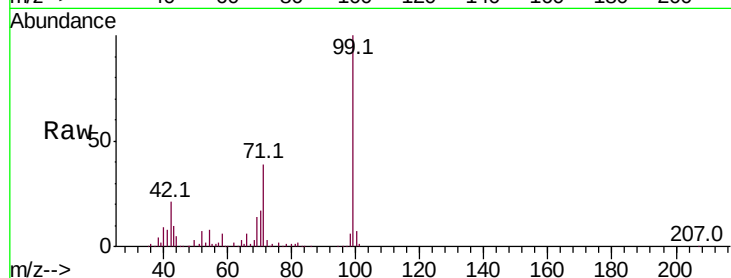
Tot Ion: 99 Resp: 347987

Ion Ratio Lower Upper

99 100

42 21.2 16.3 24.5

71 38.7 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) (-)

6.79

250000

200000

150000

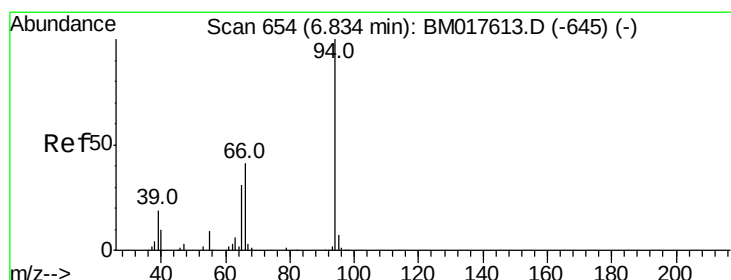
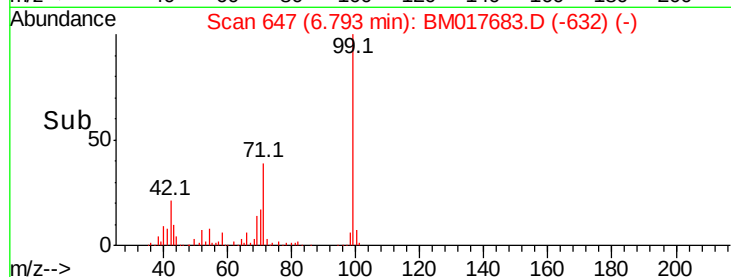
100000

50000

0

6.70 6.75 6.80 6.85 6.90

Time-->



#10

Phenol

Concen: 2.191 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017683.D

Acq: 16 Nov 2018 16:43

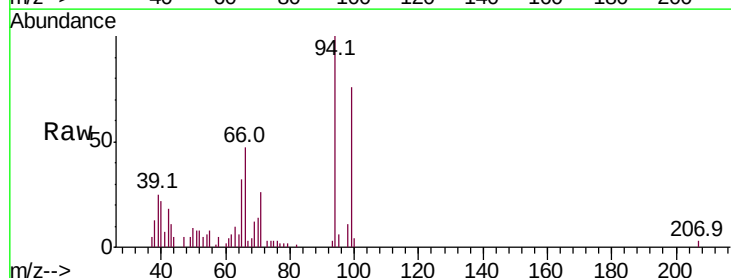
Tgt Ion: 94 Resp: 41800

Ion Ratio Lower Upper

94 100

65 31.7 11.4 51.4

66 46.8 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) (-)

6.82

30000

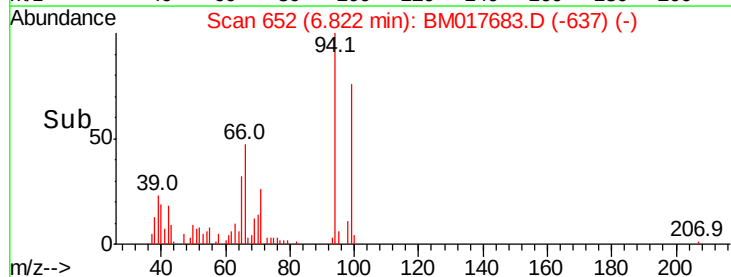
20000

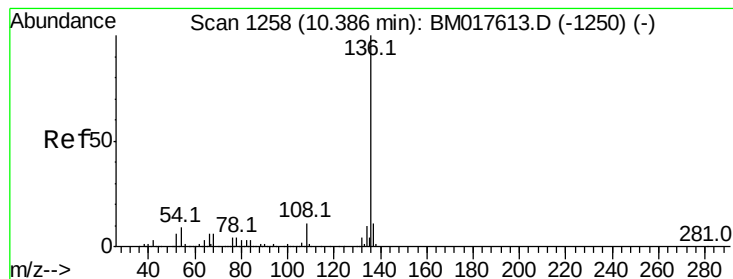
10000

0

6.75 6.80 6.85 6.90

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BM017683.D

Acq: 16 Nov 2018 16:43

Instrument :

BNA_M

ClientSampleId :

111418-TIPC-E-U-M

Tot Ion:136 Resp: 887322

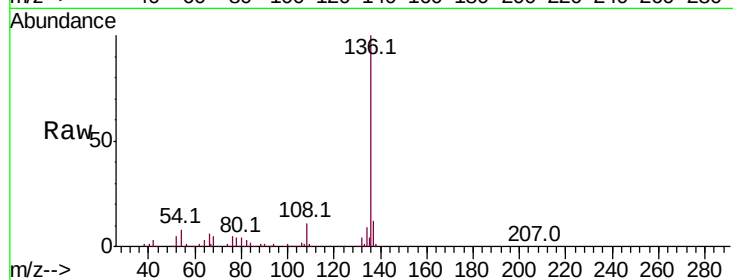
Ion Ratio Lower Upper

136 100

137 11.7 8.6 12.8

54 8.3 7.0 10.6

68 5.3 4.9 7.3

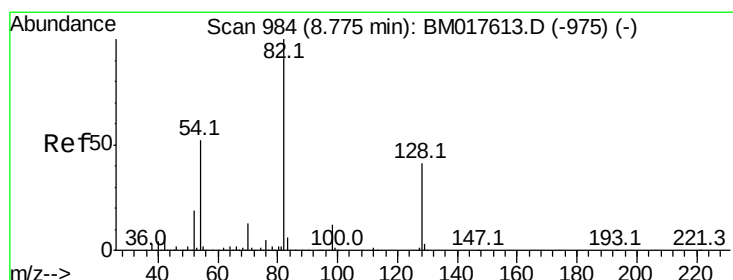
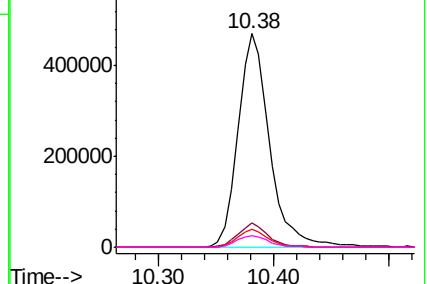
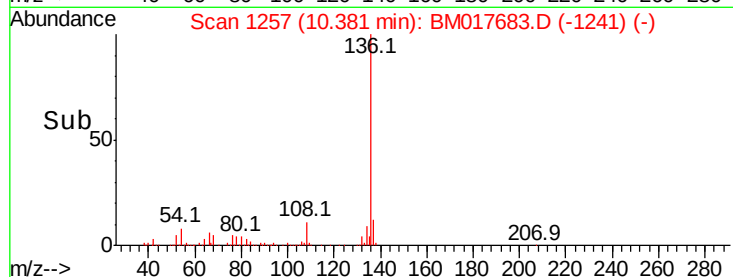


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.704 ng

RT: 8.76 min Scan# 982

Delta R.T. -0.01 min

Lab File: BM017683.D

Acq: 16 Nov 2018 16:43

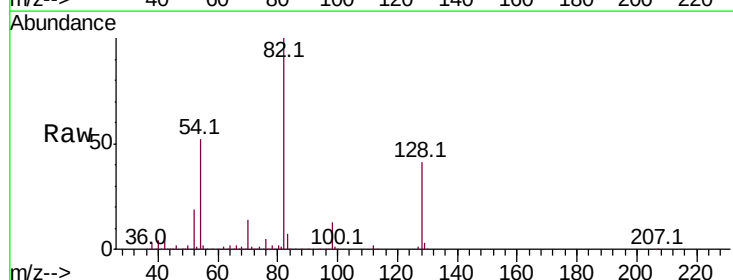
Tgt Ion: 82 Resp: 1593372

Ion Ratio Lower Upper

82 100

128 40.9 33.0 49.4

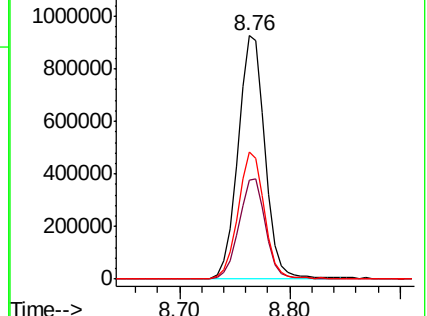
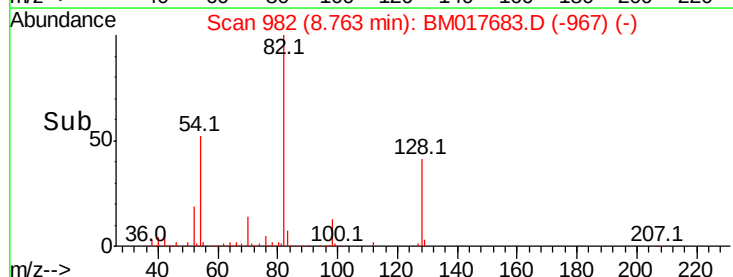
54 52.0 41.4 62.2

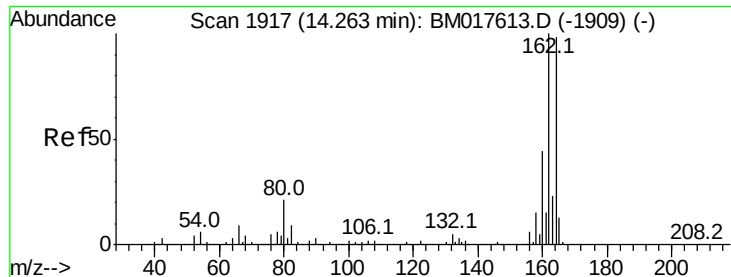


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM017683.D

Acq: 16 Nov 2018 16:43

Instrument :

BNA_M

ClientSampleId :

111418-TIPC-E-U-M

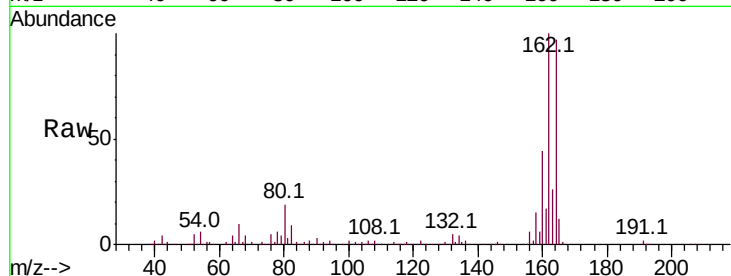
Tot Ion:164 Resp: 519790

Ion Ratio Lower Upper

164 100

162 103.1 81.4 122.0

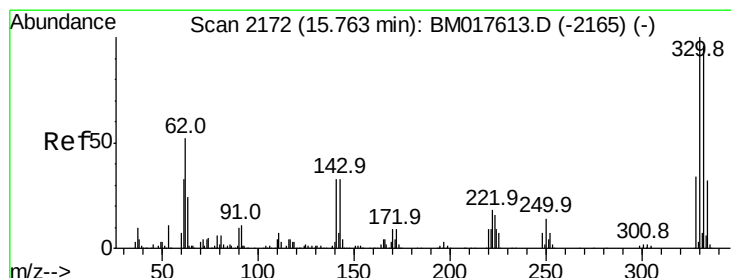
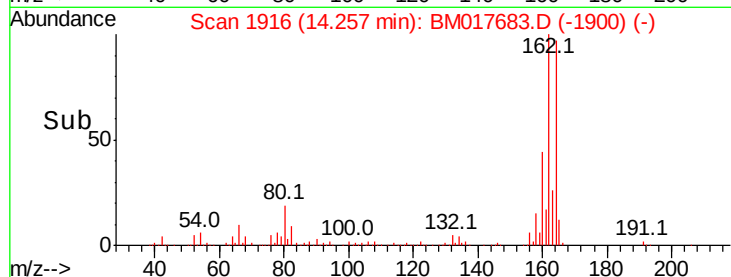
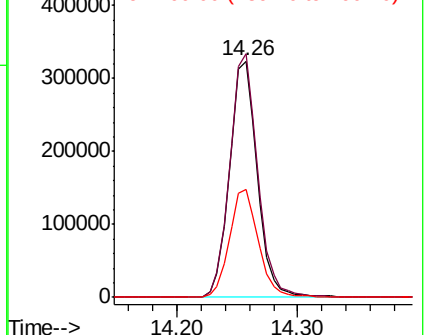
160 45.4 35.6 53.4



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: 79.070 ng

RT: 15.76 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM017683.D

Acq: 16 Nov 2018 16:43

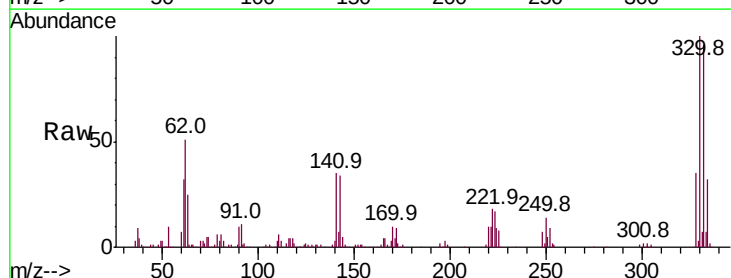
Tgt Ion:330 Resp: 590543

Ion Ratio Lower Upper

330 100

332 96.6 77.9 116.9

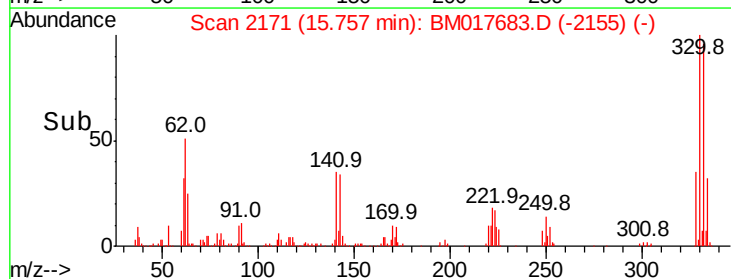
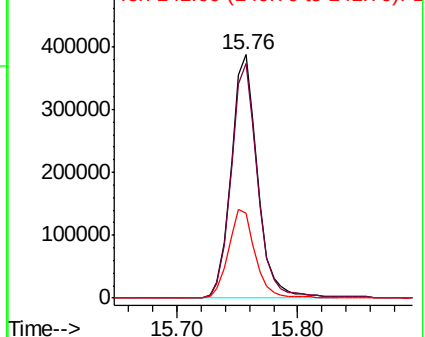
141 37.0 27.5 41.3

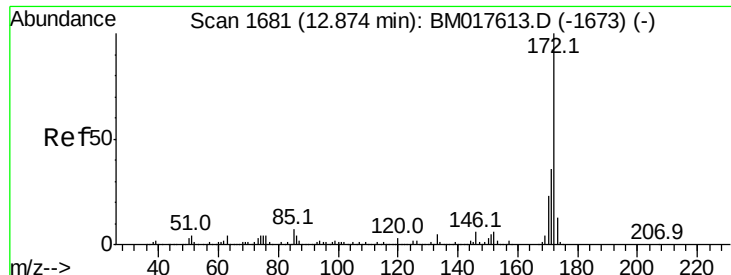


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

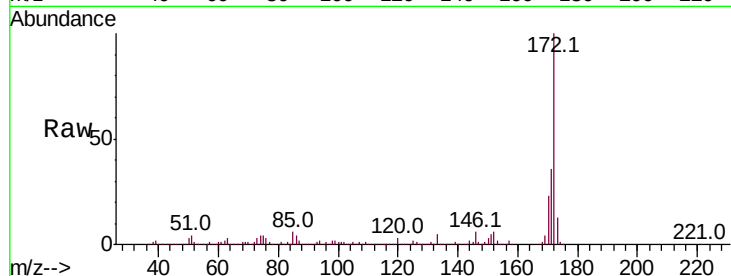




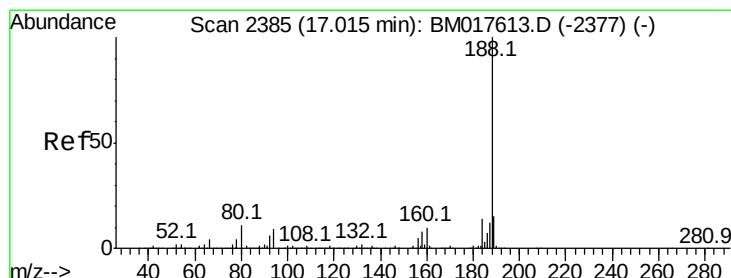
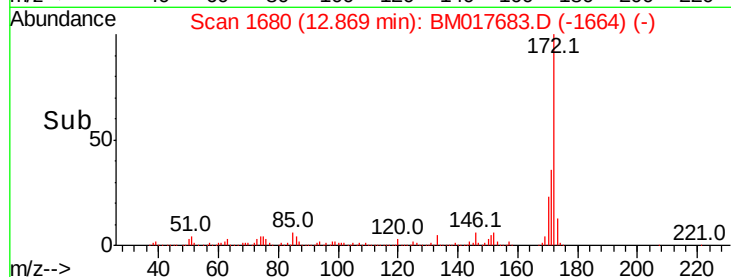
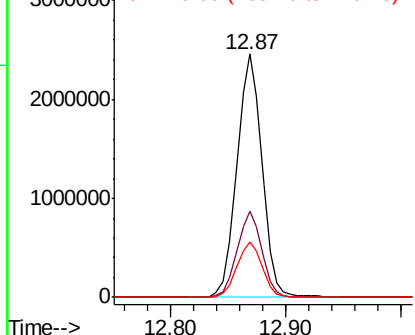
#45
2-Fluorobiphenyl
Concen: 92.266 ng
RT: 12.87 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM017683.D
Acq: 16 Nov 2018 16:43

Instrument :
BNA_M
ClientSampleId :
111418-TIPC-E-U-M

Tot Ion:172 Resp: 3696713
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 22.8 18.3 27.5

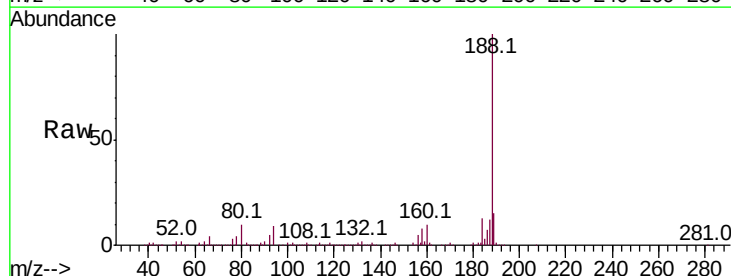


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

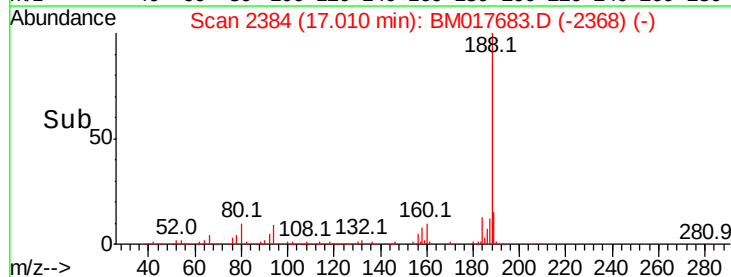
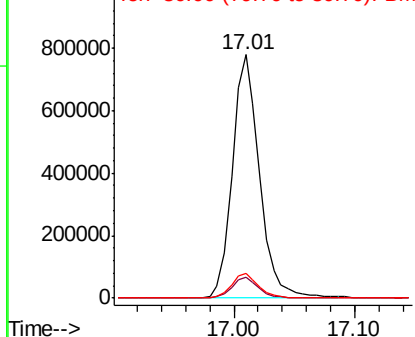


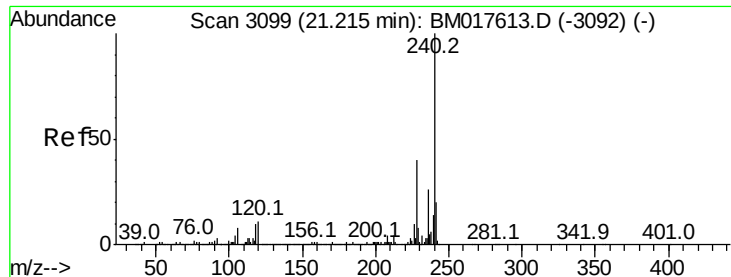
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM017683.D
Acq: 16 Nov 2018 16:43

Tgt Ion:188 Resp: 1215309
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 10.0 8.6 13.0



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

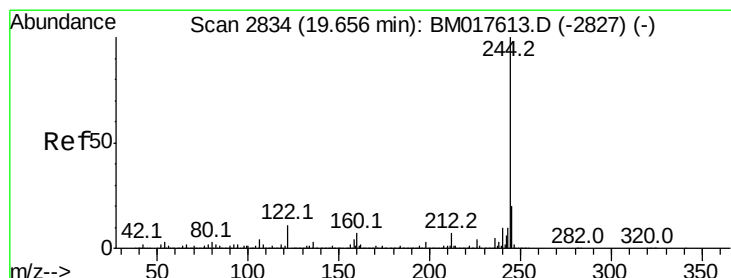
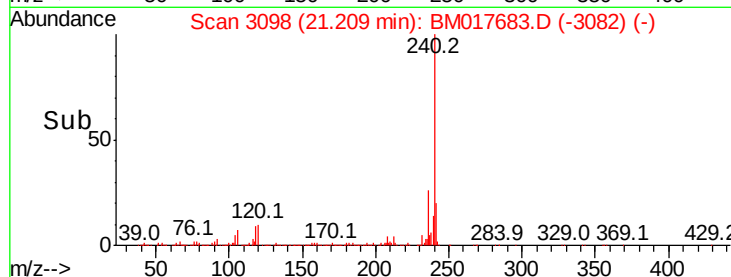
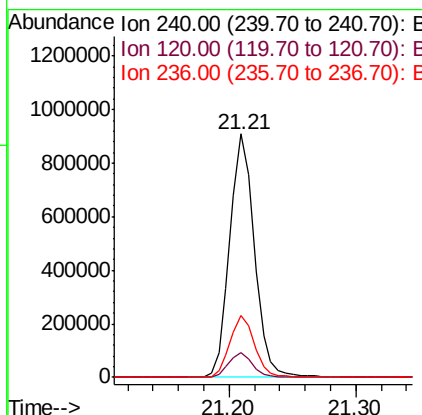
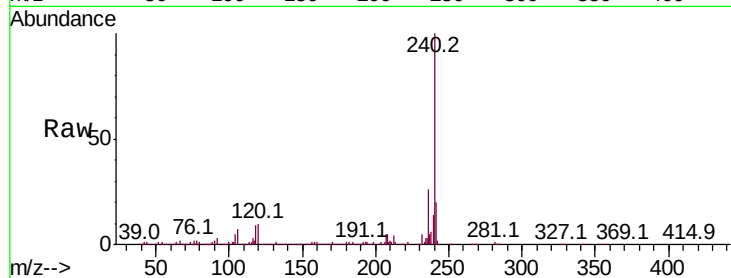




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.21 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM017683.D
 Acq: 16 Nov 2018 16:43

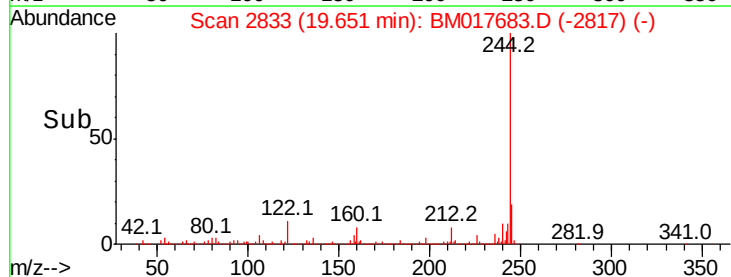
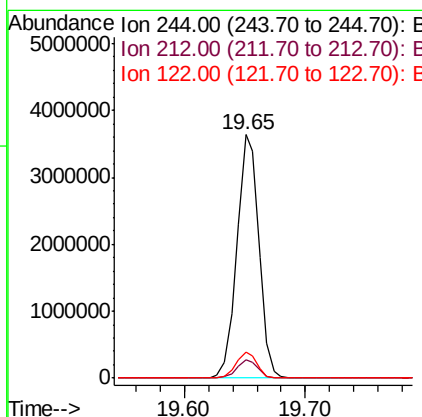
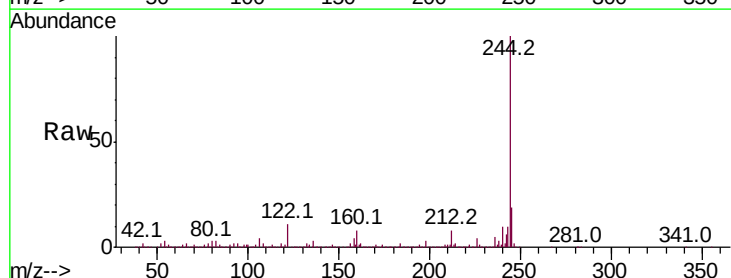
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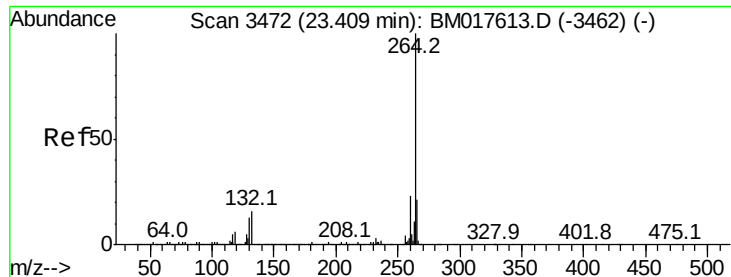
Tot Ion:240 Resp: 1226076
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.5 12.7
 236 25.6 20.4 30.6



#79
 Terphenyl-d14
 Concen: 85.203 ng
 RT: 19.65 min Scan# 2833
 Delta R.T. -0.01 min
 Lab File: BM017683.D
 Acq: 16 Nov 2018 16:43

Tgt Ion:244 Resp: 4609277
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 10.5 9.0 13.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM017683.D

Acq: 16 Nov 2018 16:43

Instrument :

BNA_M

ClientSampleId :

111418-TIPC-E-U-M

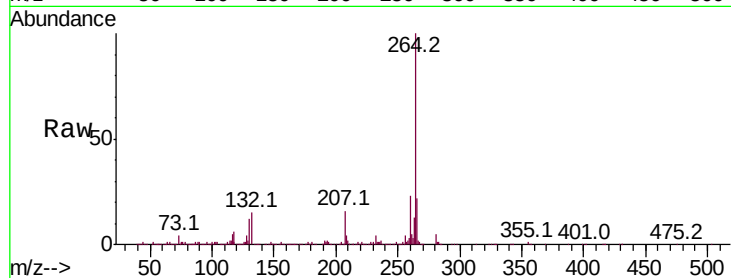
Tot Ion:264 Resp: 1112353

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.2

265 21.8 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

