

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
 Data File : BM017858.D
 Acq On : 01 Dec 2018 15:57
 Operator : JU/SJ
 Sample : J6134-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-7

Quant Time: Dec 03 00:17:43 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	7.58	152	217281	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	880866	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	487331	20.00	ng	-0.04
64) Phenanthrene-d10	16.99	188	988431	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	770555	20.00	ng	-0.02
87) Perylene-d12	23.37	264	774518	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	669749	52.02	ng	-0.03
7) Phenol-d6	6.77	99	537475	29.89	ng	-0.04
23) Nitrobenzene-d5	8.74	82	1368975	80.23	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	776353	110.87	ng	-0.03
45) 2-Fluorobiphenyl	12.85	172	3017214	80.32	ng	-0.03
79) Terphenyl-d14	19.63	244	3575540	105.17	ng	-0.02

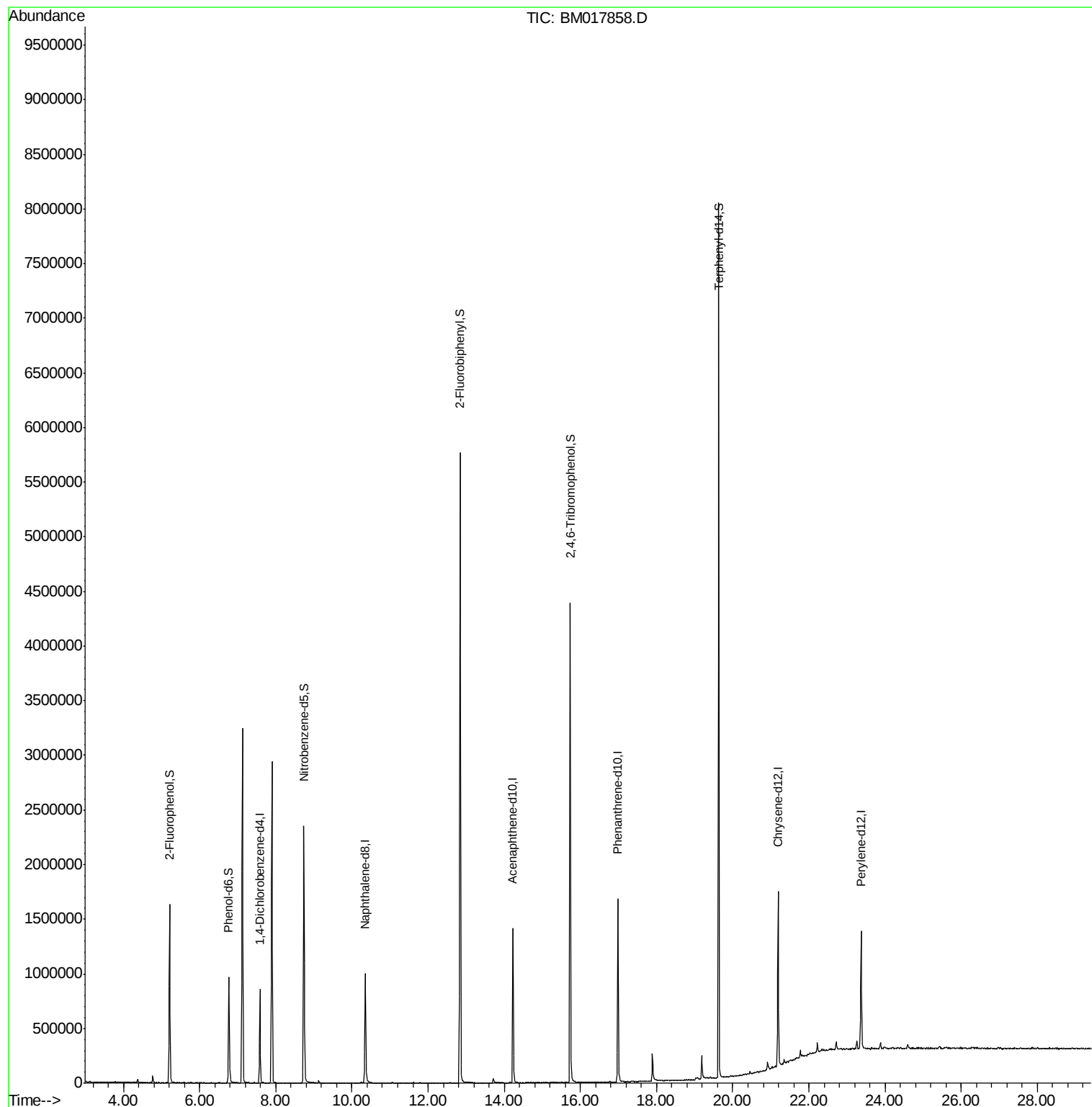
Target Compounds Qvalue

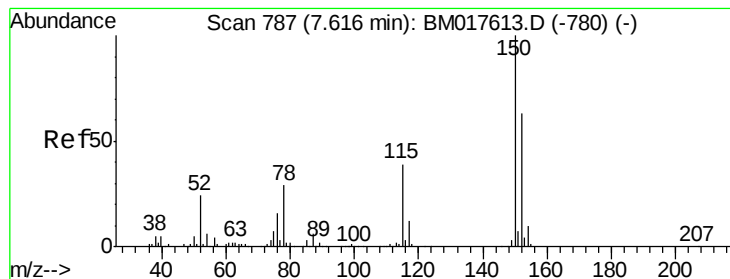
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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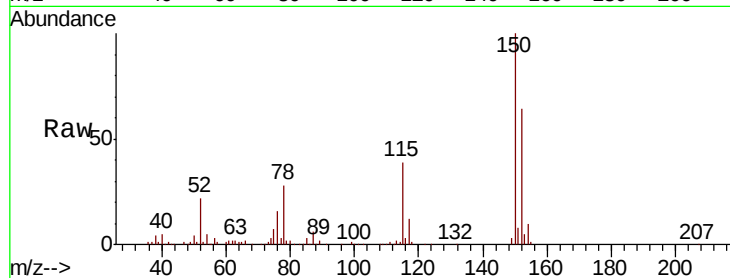


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017858.D
Acq: 01 Dec 2018 15:57

Instrument :
BNA_M
ClientSampleId :
MW-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.4	189.6
115	61.0	49.4	74.0

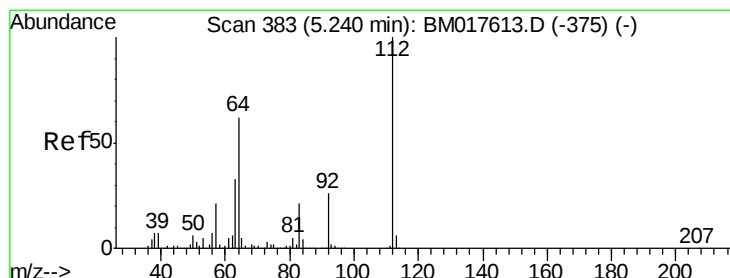
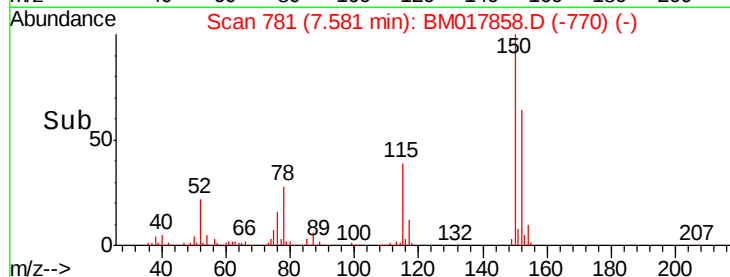
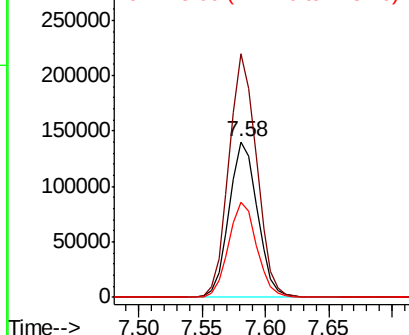


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

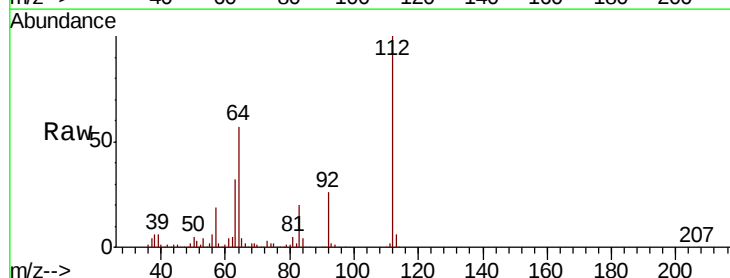
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 52.020 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017858.D
Acq: 01 Dec 2018 15:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	49.3	73.9
63	31.6	26.2	39.4

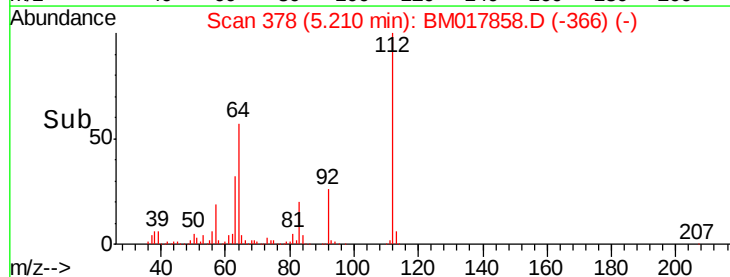
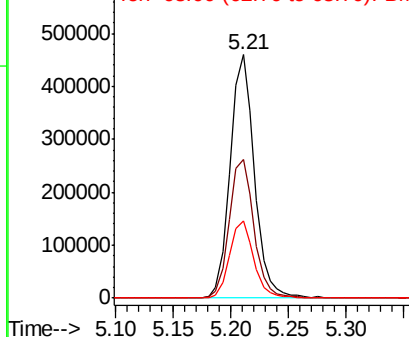


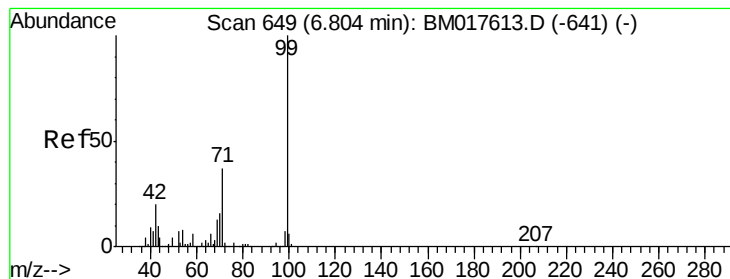
Abundance

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: 29.890 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.04 min

Lab File: BM017858.D

Acq: 01 Dec 2018 15:57

Instrument :

BNA_M

ClientSampleId :

MW-7

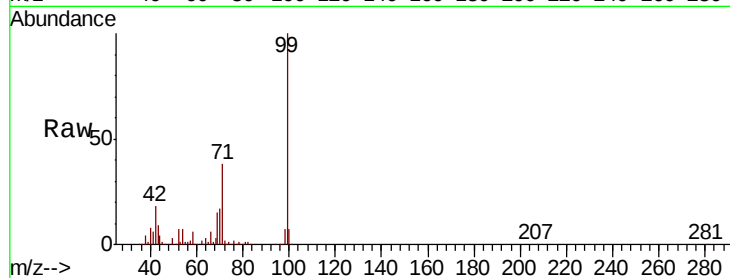
Tot Ion: 99 Resp: 537475

Ion Ratio Lower Upper

99 100

42 18.3 16.3 24.5

71 38.3 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) (-)

6.77

400000

300000

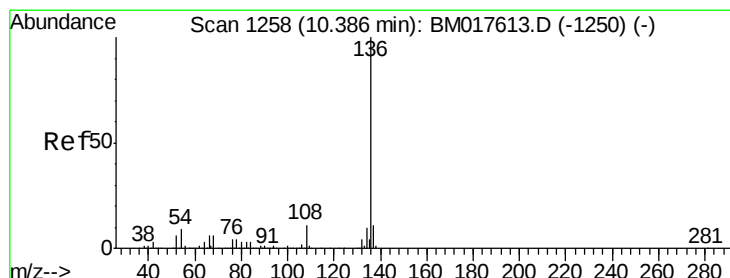
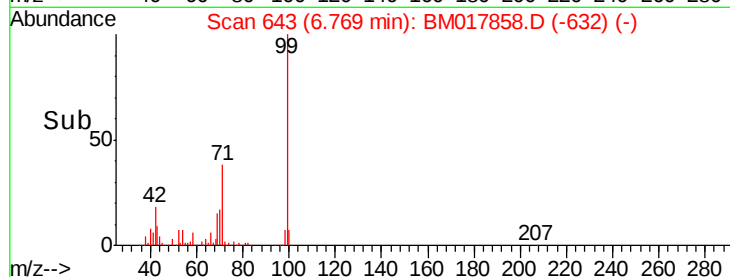
200000

100000

0

6.70 6.75 6.80 6.85

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1252

Delta R.T. -0.04 min

Lab File: BM017858.D

Acq: 01 Dec 2018 15:57

Tgt Ion: 136 Resp: 880866

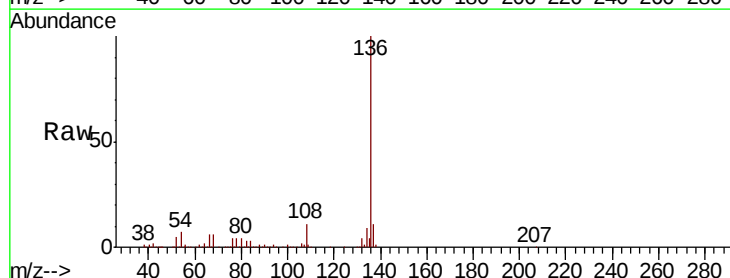
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 7.0 7.0 10.6

68 5.6 4.9 7.3



Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

Ion 137.00 (136.70 to 137.70): BM017613.D (-1250) (-)

Ion 54.00 (53.70 to 54.70): BM017613.D (-1250) (-)

Ion 68.00 (67.70 to 68.70): BM017613.D (-1250) (-)

10.35

600000

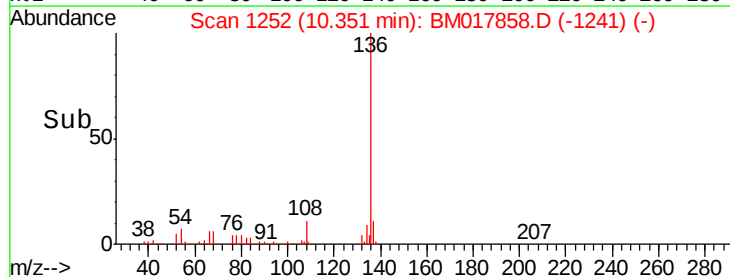
400000

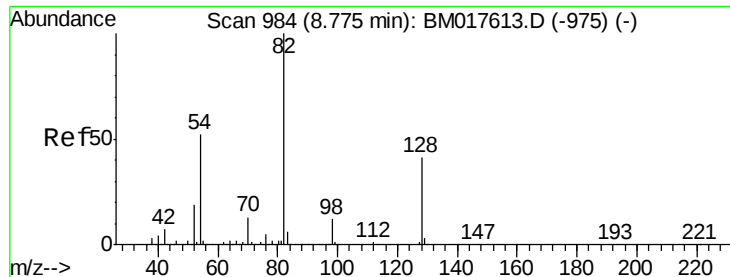
200000

0

10.30 10.40

Time-->

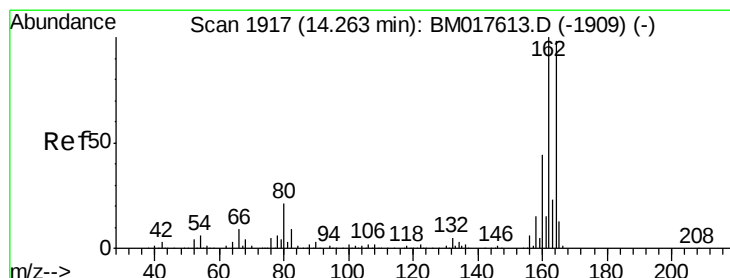
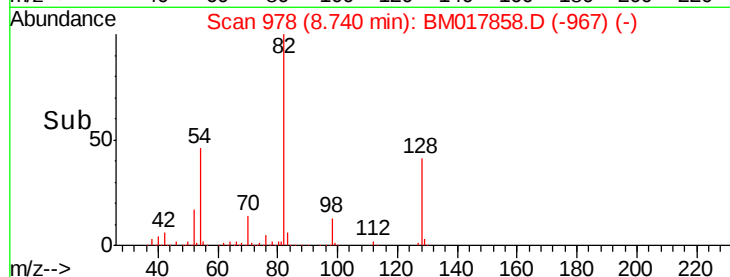
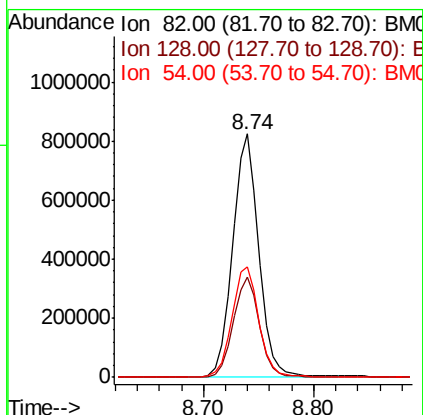
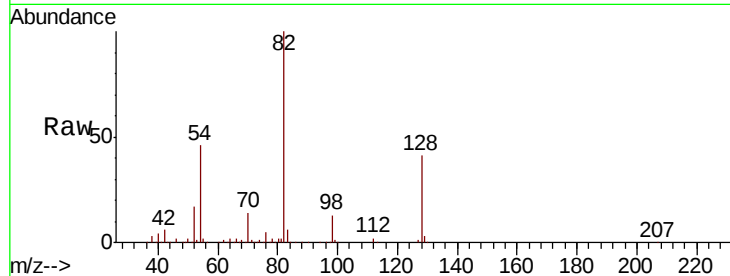




#23
Nitrobenzene-d5
Concen: 80.232 ng
RT: 8.74 min Scan# 978
Delta R.T. -0.04 min
Lab File: BM017858.D
Acq: 01 Dec 2018 15:57

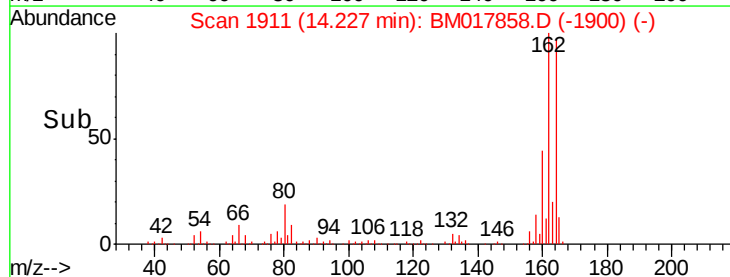
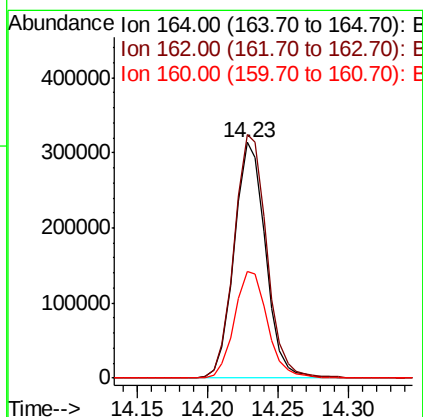
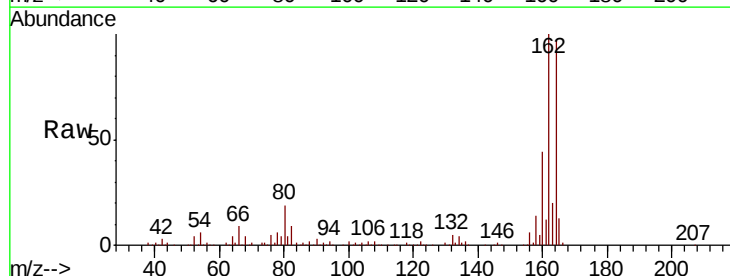
Instrument :
BNA_M
ClientSampled :
MW-7

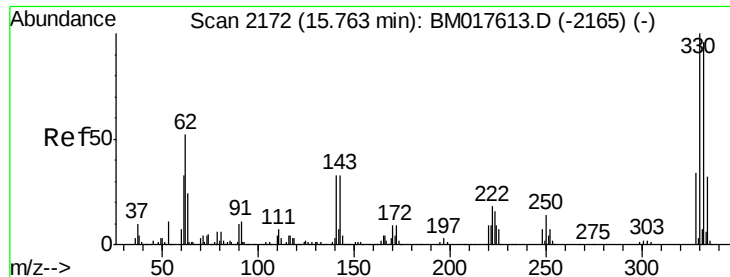
Tot Ion: 82 Resp: 1368975
Ion Ratio Lower Upper
82 100
128 41.1 33.0 49.4
54 45.5 41.4 62.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.04 min
Lab File: BM017858.D
Acq: 01 Dec 2018 15:57

Tgt Ion: 164 Resp: 487331
Ion Ratio Lower Upper
164 100
162 103.5 81.4 122.0
160 45.1 35.6 53.4

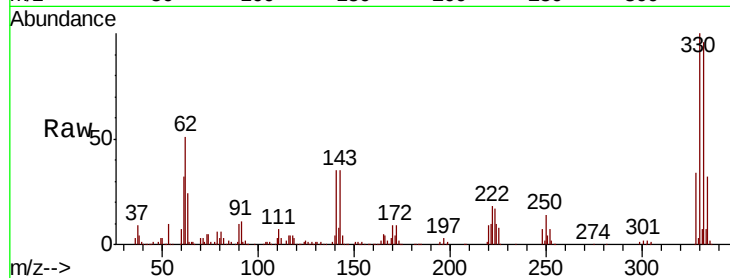




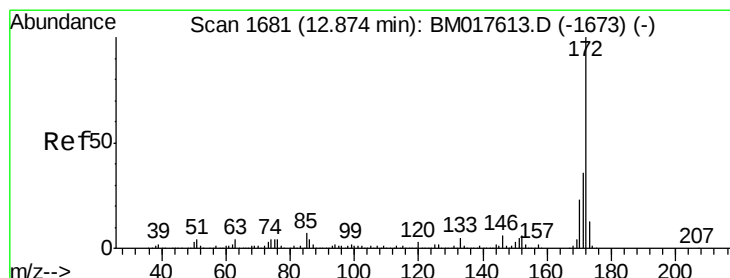
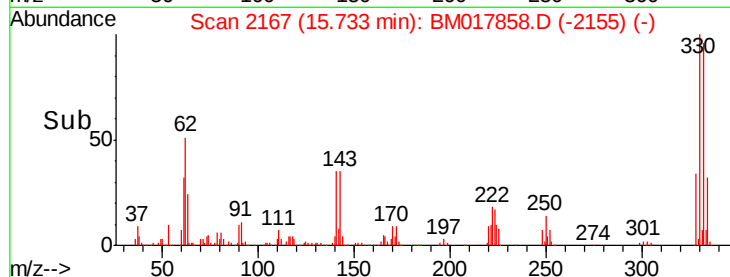
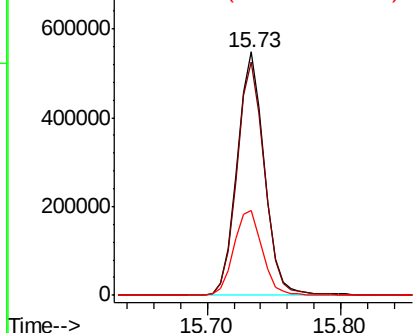
#42
 2,4,6-Tribromophenol
 Concen: 110.872 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BM017858.D
 Acq: 01 Dec 2018 15:57

Instrument :
 BNA_M
 ClientSampleId :
 MW-7

Tot Ion:330 Resp: 776353
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.9 116.9
 141 36.8 27.5 41.3

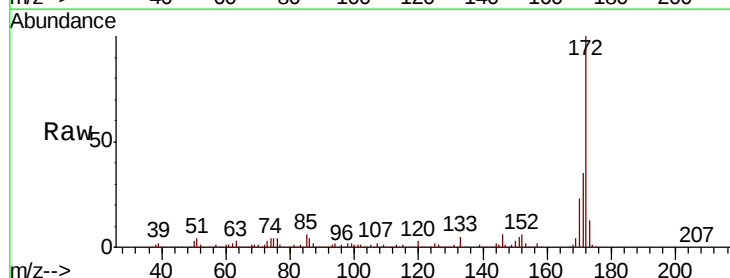


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

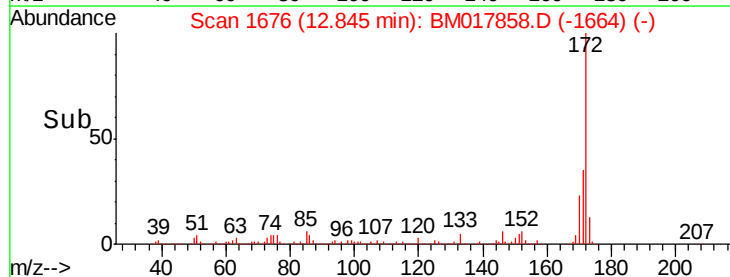
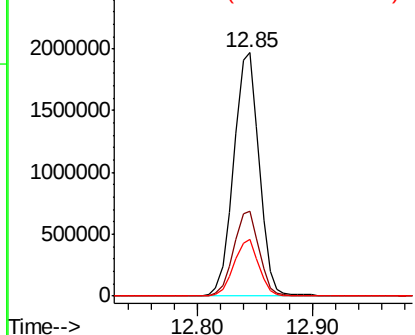


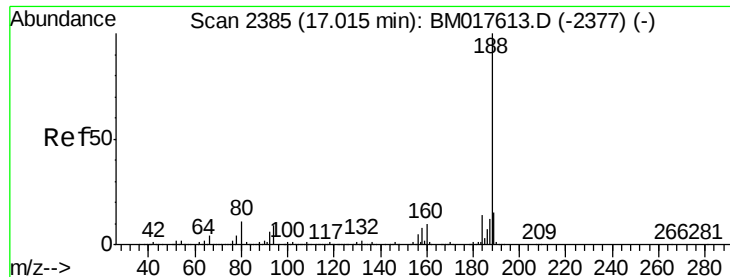
#45
 2-Fluorobiphenyl
 Concen: 80.322 ng
 RT: 12.85 min Scan# 1676
 Delta R.T. -0.03 min
 Lab File: BM017858.D
 Acq: 01 Dec 2018 15:57

Tgt Ion:172 Resp: 3017214
 Ion Ratio Lower Upper
 172 100
 171 35.0 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

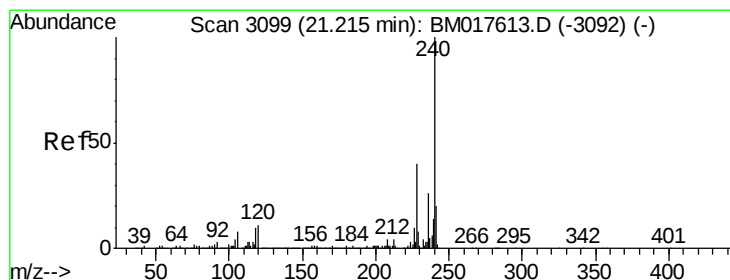
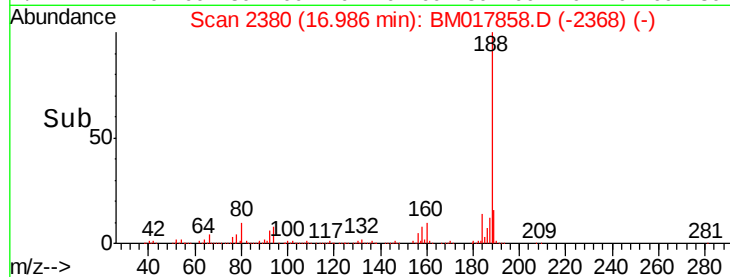
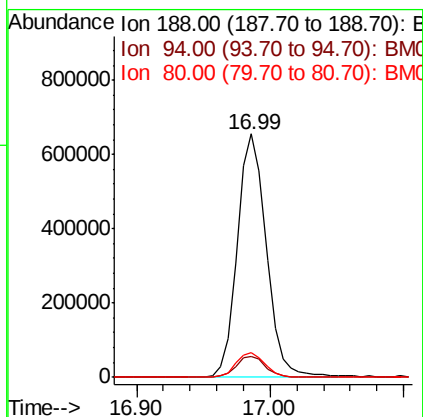
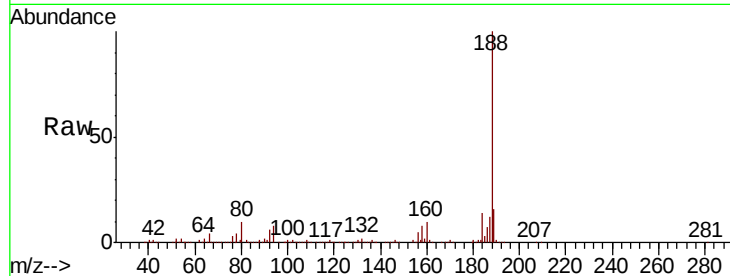




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM017858.D
Acq: 01 Dec 2018 15:57

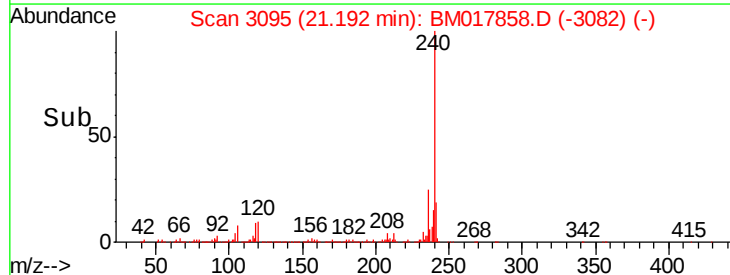
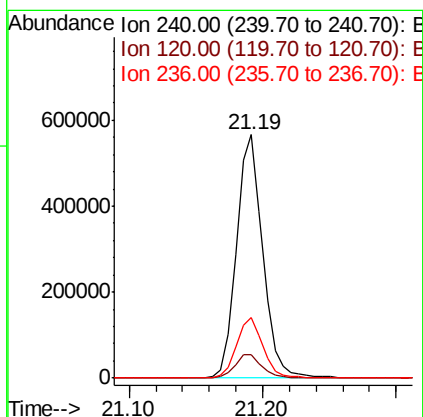
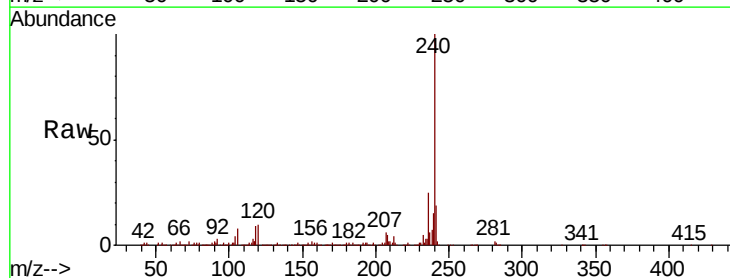
Instrument :
BNA_M
ClientSampleId :
MW-7

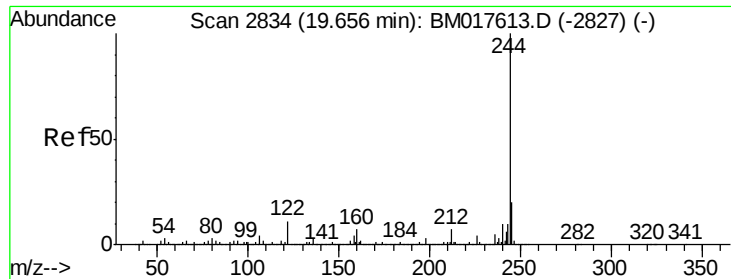
Tot Ion:188 Resp: 988431
Ion Ratio Lower Upper
188 100
94 8.4 7.5 11.3
80 10.3 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM017858.D
Acq: 01 Dec 2018 15:57

Tgt Ion:240 Resp: 770555
Ion Ratio Lower Upper
240 100
120 9.7 8.5 12.7
236 25.0 20.4 30.6





#79

Terphenyl-d14

Concen: 105.167 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BM017858.D

Acq: 01 Dec 2018 15:57

Instrument :

BNA_M

ClientSampleId :

MW-7

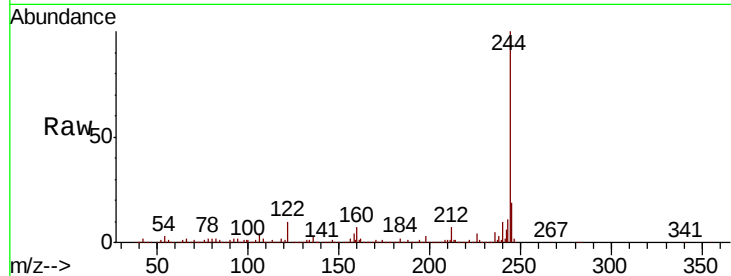
Tot Ion:244 Resp: 3575540

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

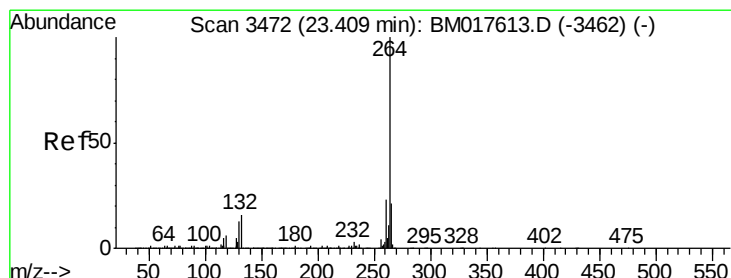
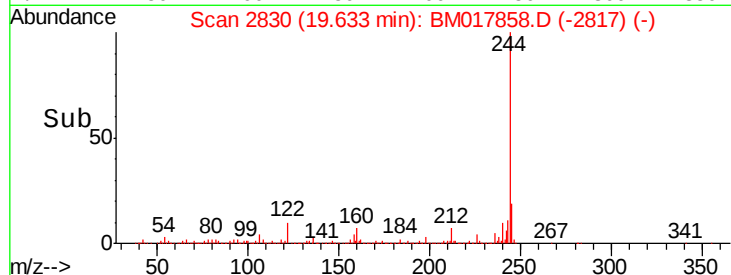
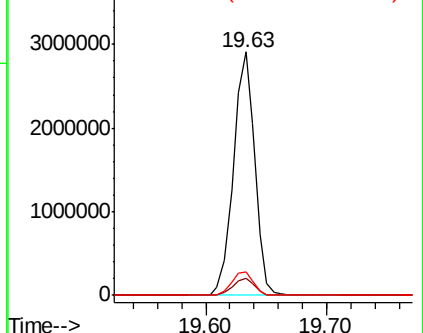
122 9.8 9.0 13.6



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: 23.37 min Scan# 3466

Delta R.T. -0.04 min

Lab File: BM017858.D

Acq: 01 Dec 2018 15:57

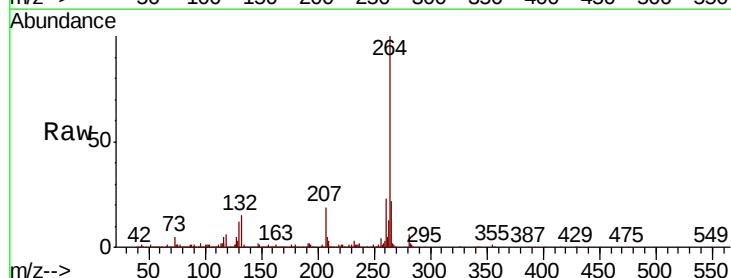
Tgt Ion:264 Resp: 774518

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.2

265 22.2 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

