

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
 Data File : BM018850.D
 Acq On : 18 Feb 2019 22:11
 Operator : JU/SJ
 Sample : K1517-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G-021519

Quant Time: Feb 19 01:40:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	309288	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1231400	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	659619	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1459608	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1331766	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1139058	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2558095	135.52	ng	0.00
7) Phenol-d6	6.88	99	3108597	116.90	ng	0.00
23) Nitrobenzene-d5	8.87	82	2552904	95.86	ng	-0.01
42) 2,4,6-Tribromophenol	15.85	330	1313054	138.10	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	4630767	93.19	ng	-0.01
79) Terphenyl-d14	19.74	244	7438157	115.22	ng	0.00

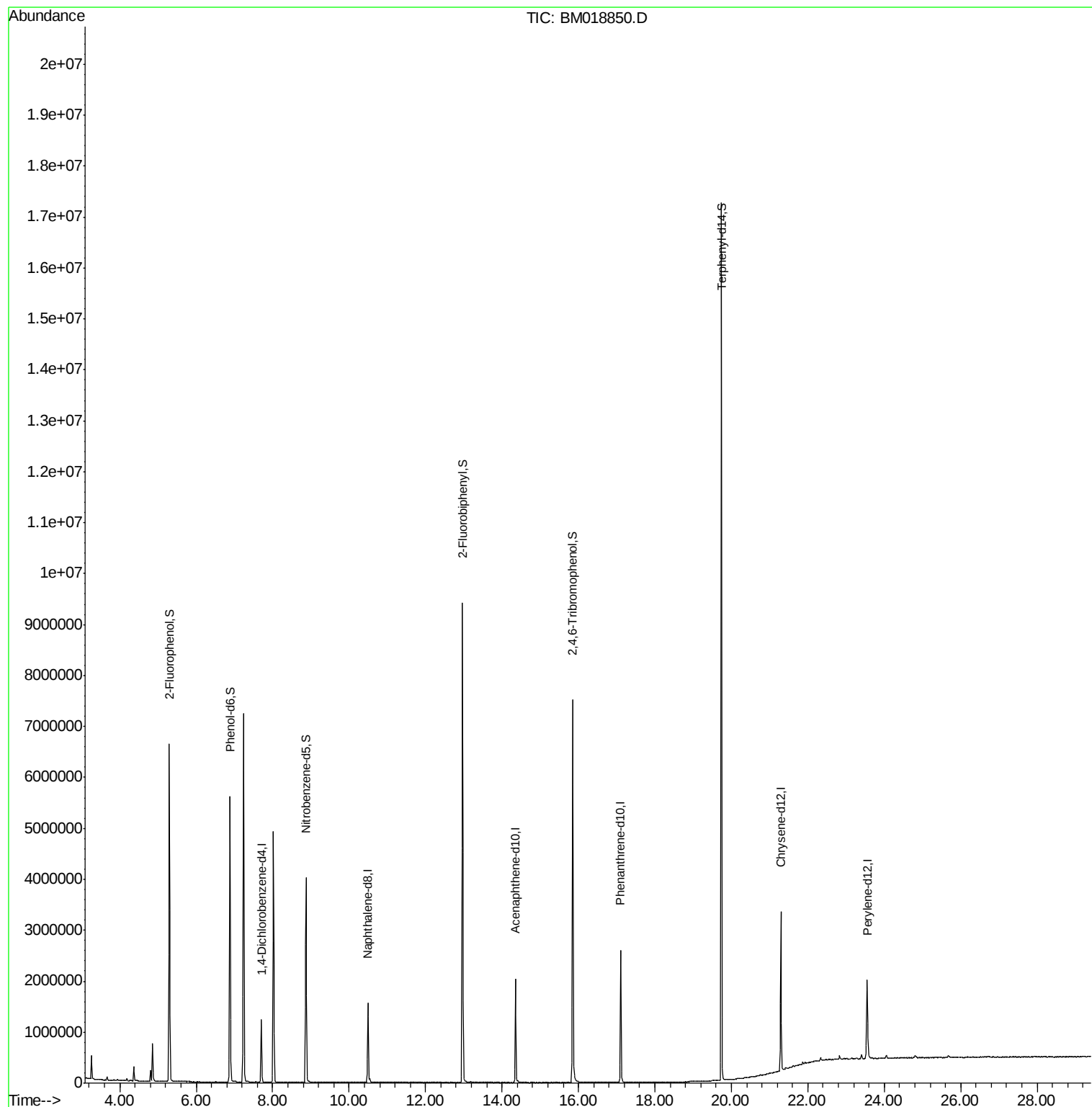
Target Compounds Qvalue

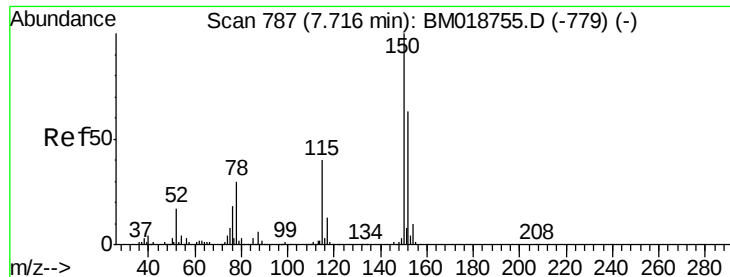
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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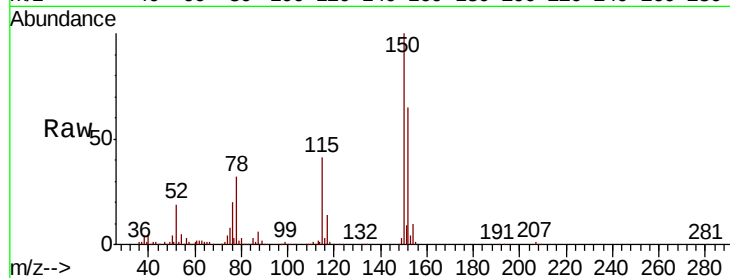


#1

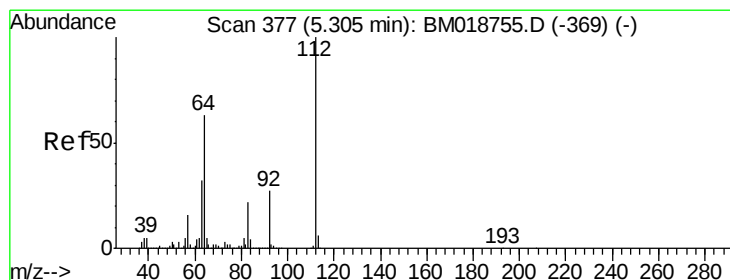
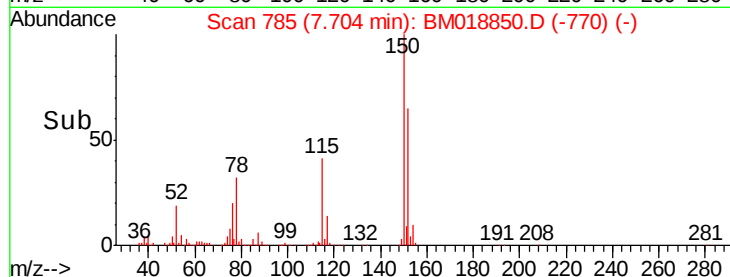
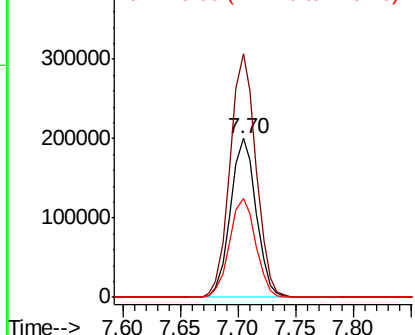
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018850.D
Acq: 18 Feb 2019 22:11

Instrument :
BNA_M
ClientSampleId :
G-021519

Tot Ion:152 Resp: 309288
Ion Ratio Lower Upper
152 100
150 153.6 127.3 190.9
115 62.8 50.8 76.2



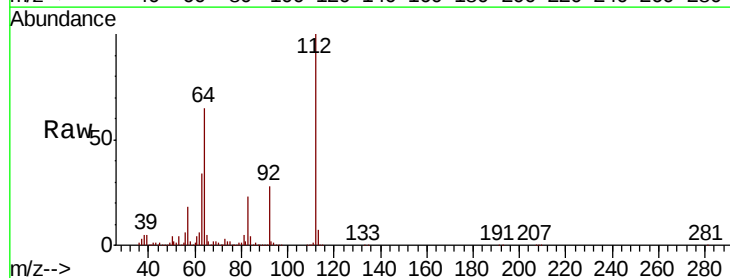
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



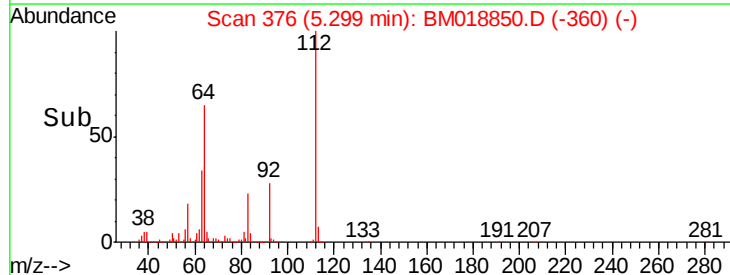
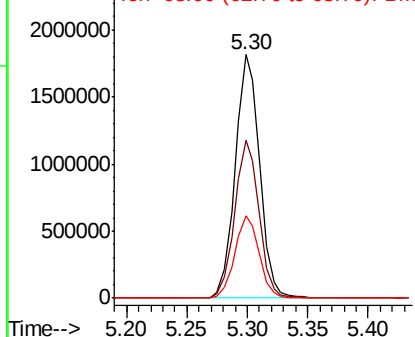
#5

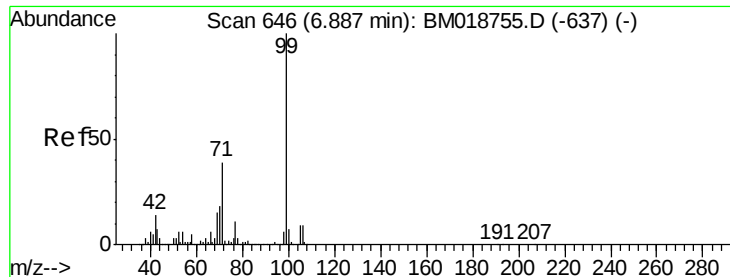
2-Fluorophenol
Concen: 135.517 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018850.D
Acq: 18 Feb 2019 22:11

Tgt Ion:112 Resp: 2558095
Ion Ratio Lower Upper
112 100
64 64.9 50.6 75.8
63 33.9 25.7 38.5



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: 116.898 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018850.D

Acq: 18 Feb 2019 22:11

Instrument :

BNA_M

ClientSampleId :

G-021519

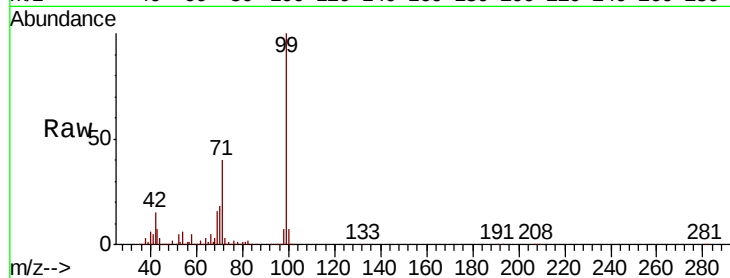
Tot Ion: 99 Resp: 3108597

Ion Ratio Lower Upper

99 100

42 14.7 11.0 16.6

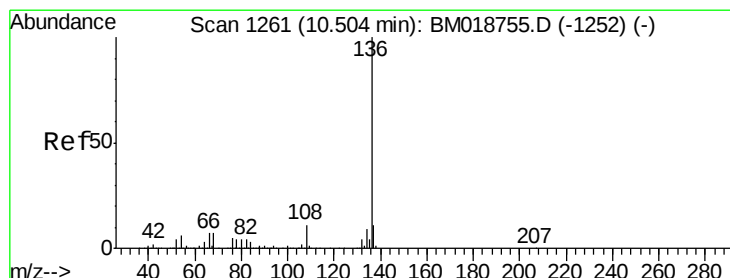
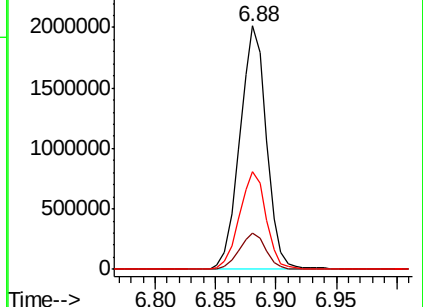
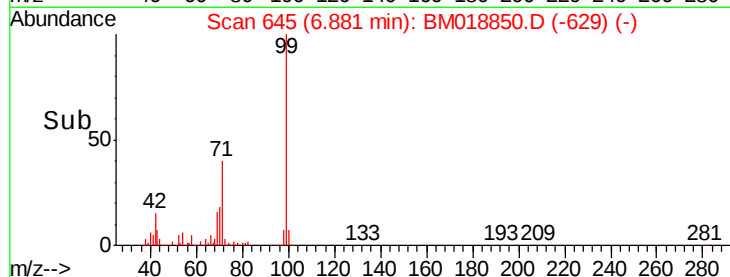
71 40.1 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018850.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018850.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018850.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM018850.D

Acq: 18 Feb 2019 22:11

Tgt Ion: 136 Resp: 1231400

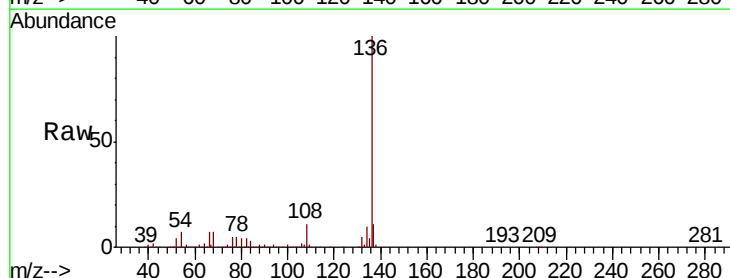
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.1 5.0 7.6

68 7.4 5.5 8.3

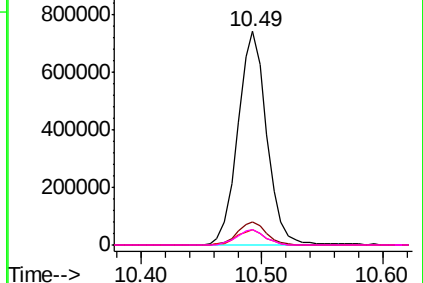
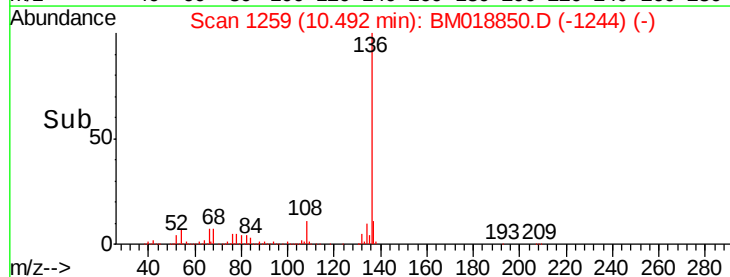


Abundance Ion 136.00 (135.70 to 136.70): BM018850.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM018850.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM018850.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018850.D (-1244) (-)





#23

Nitrobenzene-d5

Concen: 95.861 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM018850.D

Acq: 18 Feb 2019 22:11

Instrument :

BNA_M

ClientSampleId :

G-021519

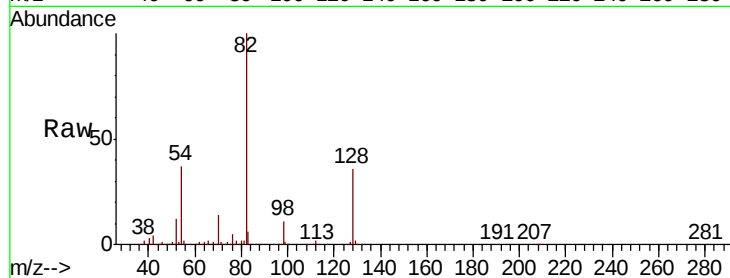
Tot Ion: 82 Resp: 2552904

Ion Ratio Lower Upper

82 100

128 35.9 29.9 44.9

54 36.9 29.1 43.7

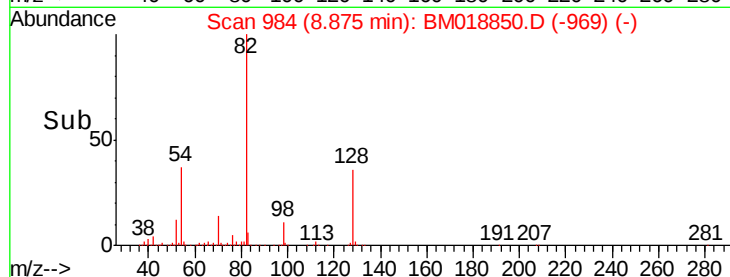


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

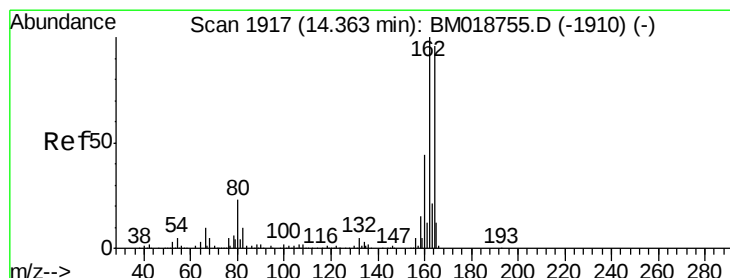
Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

Time-->



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018850.D

Acq: 18 Feb 2019 22:11

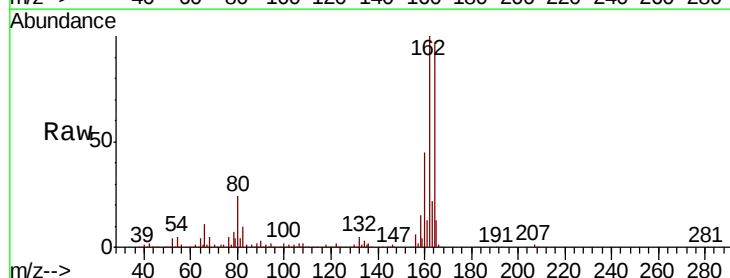
Tgt Ion:164 Resp: 659619

Ion Ratio Lower Upper

164 100

162 103.0 83.4 125.0

160 46.2 36.6 55.0

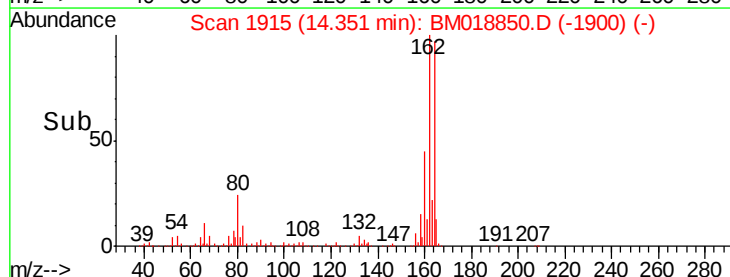


Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)

Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)

Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)

Time-->



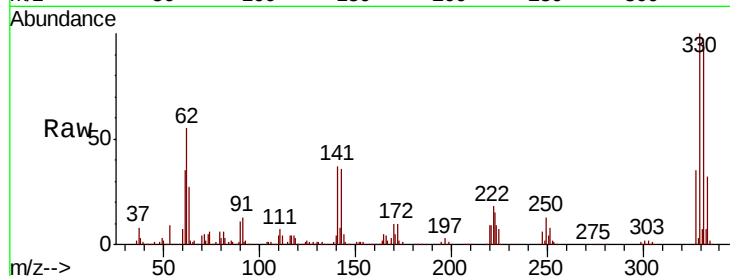
Time-->



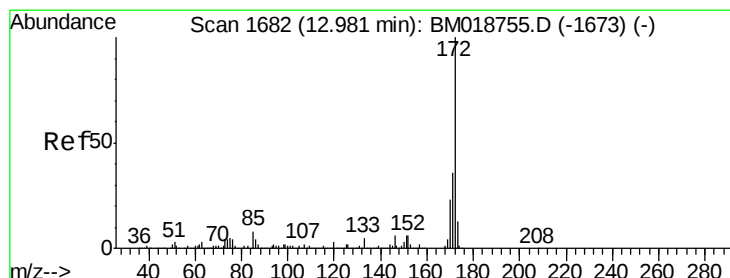
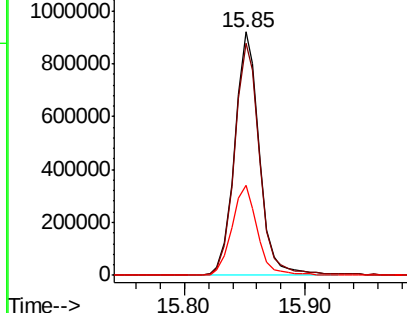
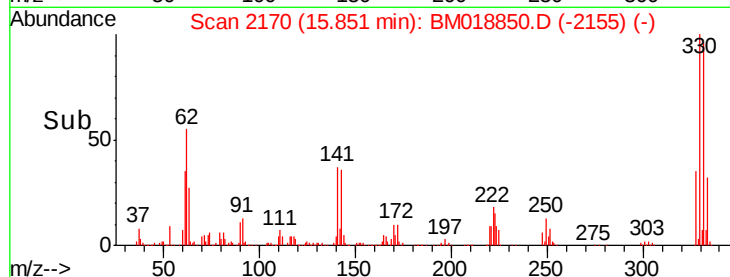
#42
 2,4,6-Tribromophenol
 Concen: 138.097 ng
 RT: 15.85 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM018850.D
 Acq: 18 Feb 2019 22:11

Instrument :
 BNA_M
 ClientSampleId :
 G-021519

Tot Ion:330 Resp: 1313054
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.9 115.3
 141 38.0 28.7 43.1

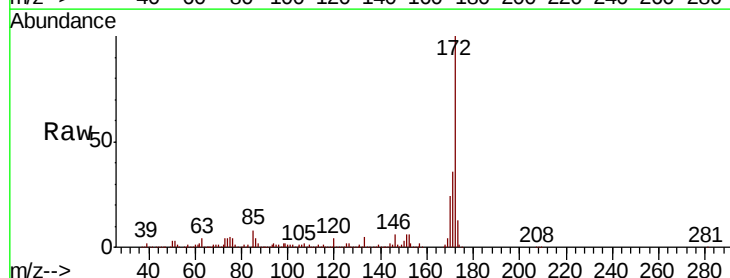


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

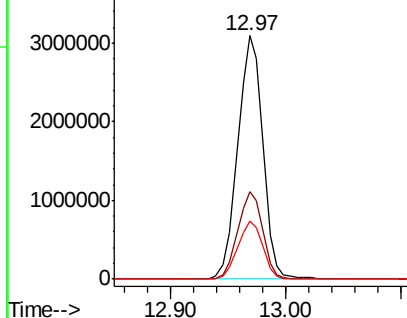
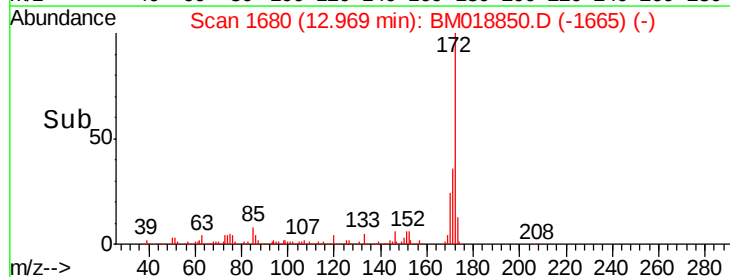


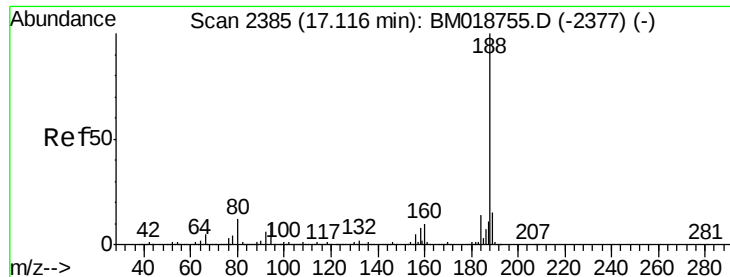
#45
 2-Fluorobiphenyl
 Concen: 93.194 ng
 RT: 12.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM018850.D
 Acq: 18 Feb 2019 22:11

Tgt Ion:172 Resp: 4630767
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 23.7 18.6 28.0



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

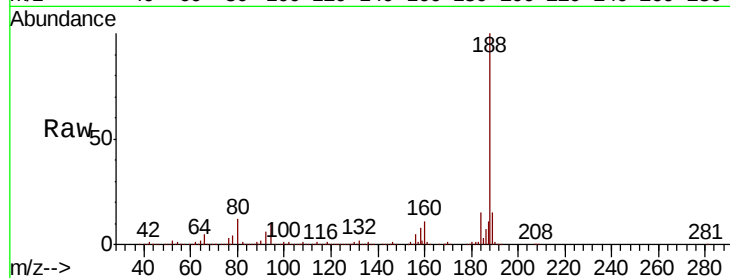




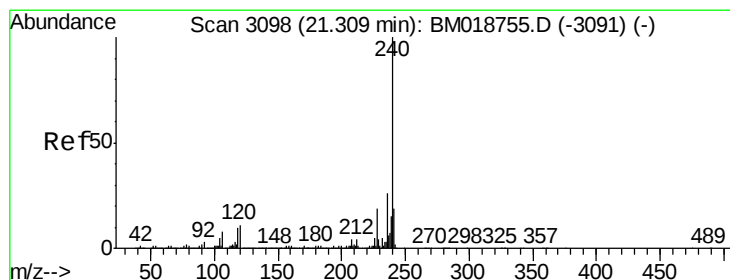
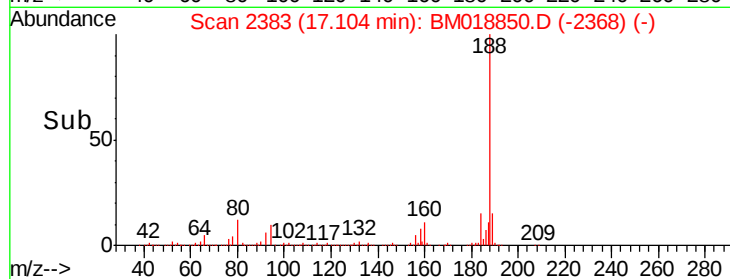
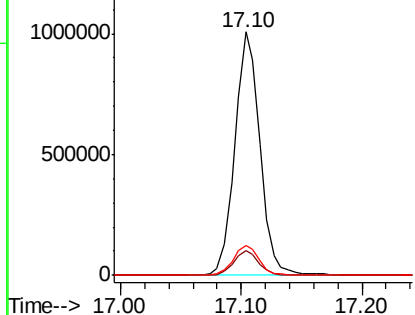
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018850.D
Acq: 18 Feb 2019 22:11

Instrument :
BNA_M
ClientSampleId :
G-021519

Tot Ion:188 Resp: 1459608
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 12.4 9.7 14.5

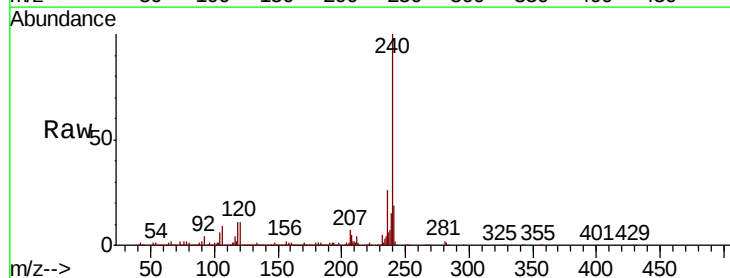


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

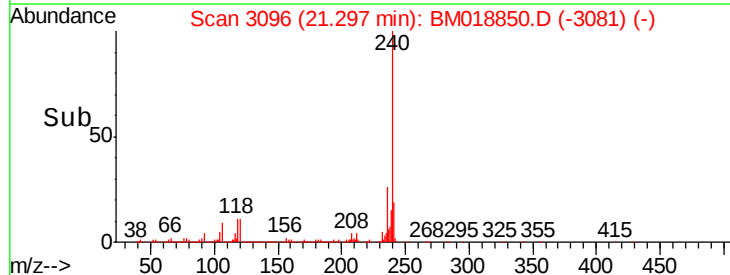
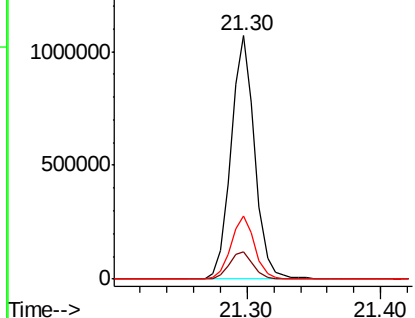


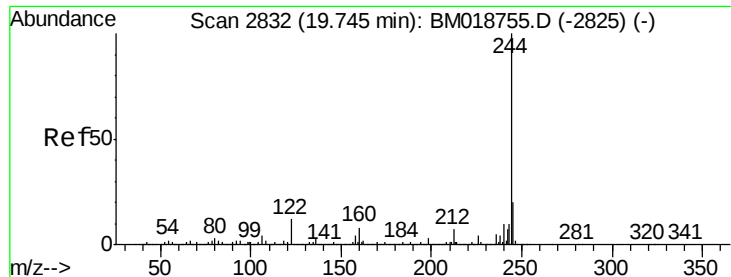
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM018850.D
Acq: 18 Feb 2019 22:11

Tgt Ion:240 Resp: 1331766
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 26.0 20.9 31.3



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: 115.217 ng

RT: 19.74 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM018850.D

Acq: 18 Feb 2019 22:11

Instrument :

BNA_M

ClientSampleId :

G-021519

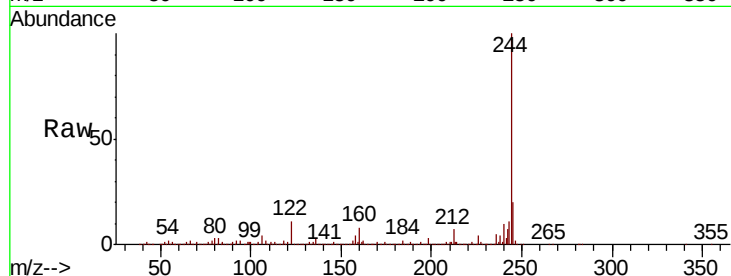
Tot Ion:244 Resp: 7438157

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	11.4	9.3	13.9

244 100

212 7.3 5.6 8.4

122 11.4 9.3 13.9

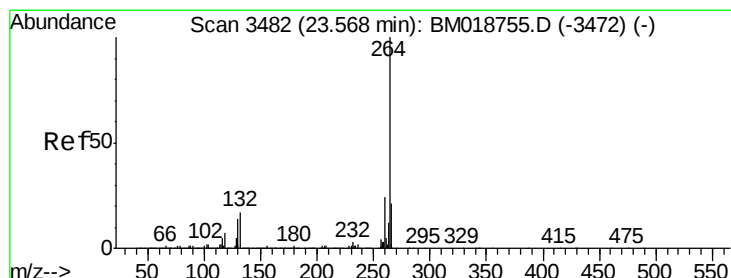
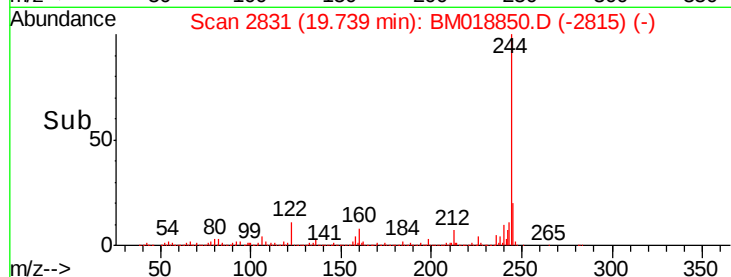
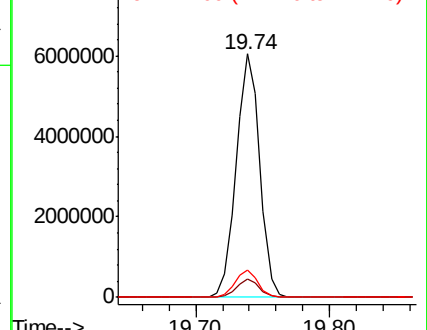


Abundance

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: 23.55 min Scan# 3479

Delta R.T. -0.02 min

Lab File: BM018850.D

Acq: 18 Feb 2019 22:11

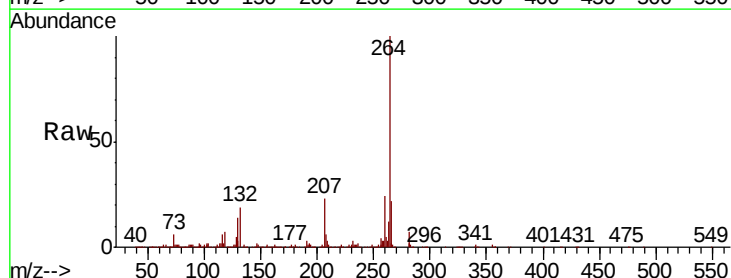
Tgt Ion:264 Resp: 1139058

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	22.4	17.3	25.9

264 100

260 23.9 18.9 28.3

265 22.4 17.3 25.9



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

