

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
 Data File : BM018851.D
 Acq On : 18 Feb 2019 22:47
 Operator : JU/SJ
 Sample : K1519-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 005-WL-1

Quant Time: Feb 19 01:40:59 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	340277	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1367235	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	729607	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1551500	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1205244	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1101115	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2561001	123.32	ng	0.00
7) Phenol-d6	6.88	99	2993695	102.32	ng	0.00
23) Nitrobenzene-d5	8.87	82	2715729	91.84	ng	-0.01
42) 2,4,6-Tribromophenol	15.85	330	1339825	127.40	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	5035549	91.62	ng	-0.01
79) Terphenyl-d14	19.74	244	6886748	117.87	ng	0.00

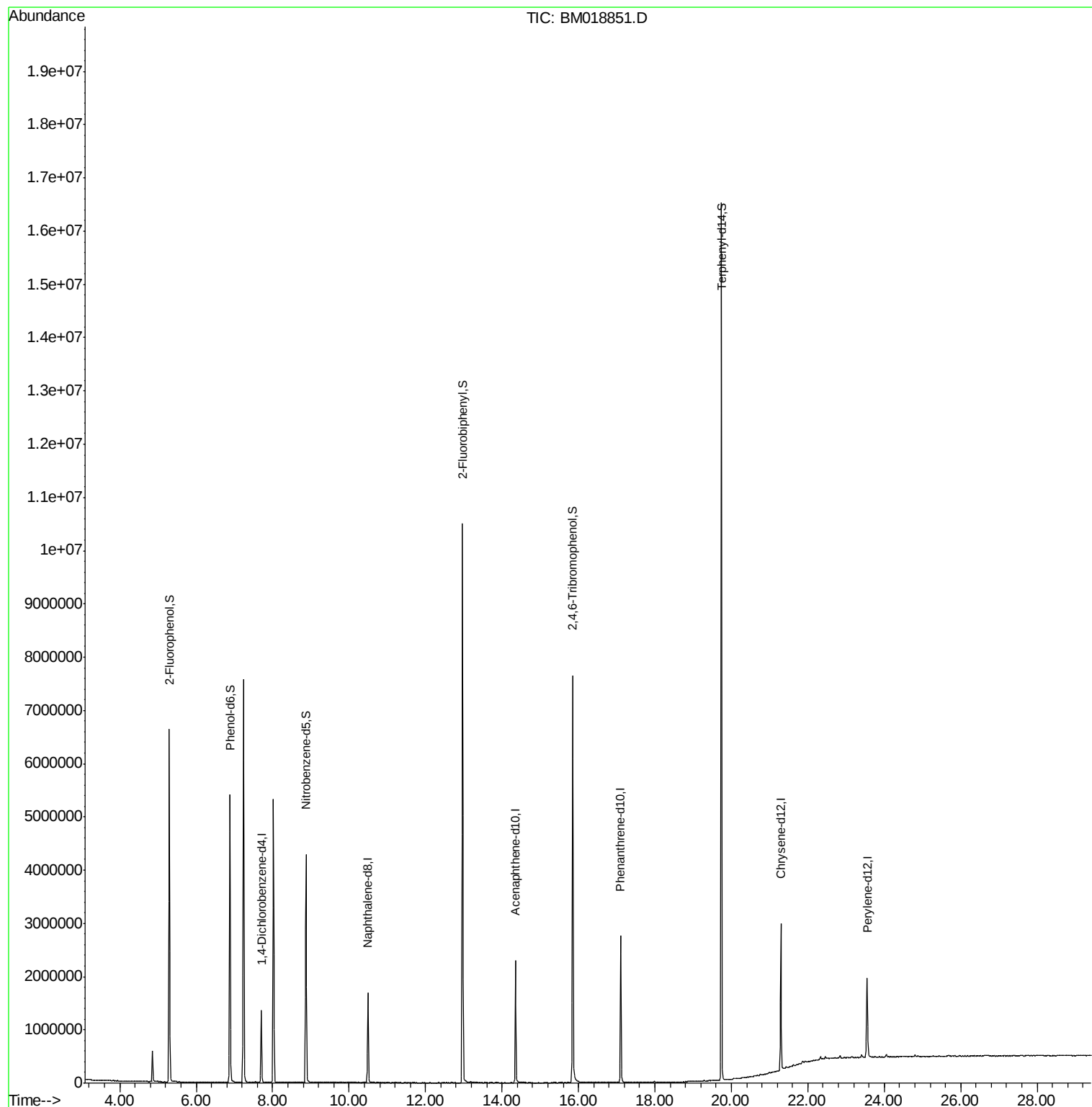
Target Compounds Qvalue

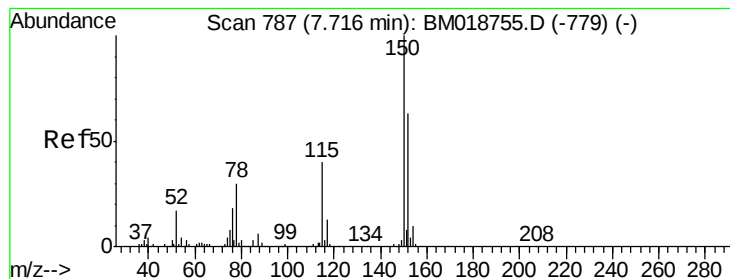
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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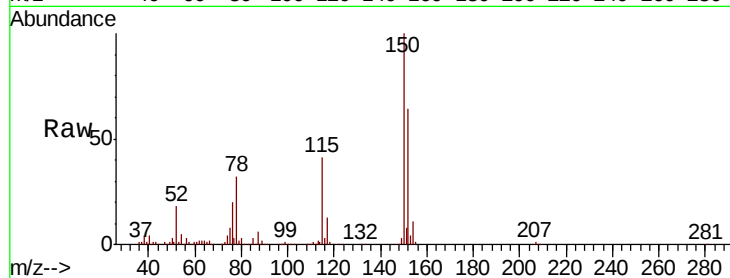


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018851.D
Acq: 18 Feb 2019 22:47

Instrument :
BNA_M
ClientSampleId :
005-WL-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	127.3	190.9
115	64.3	50.8	76.2

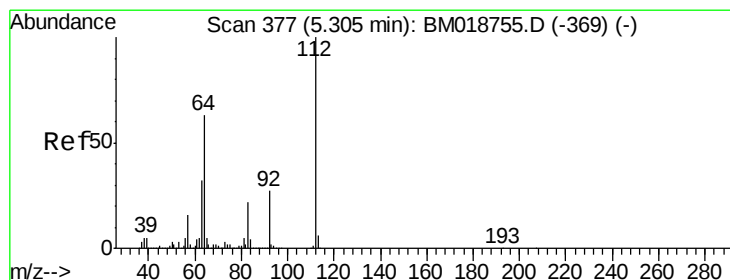
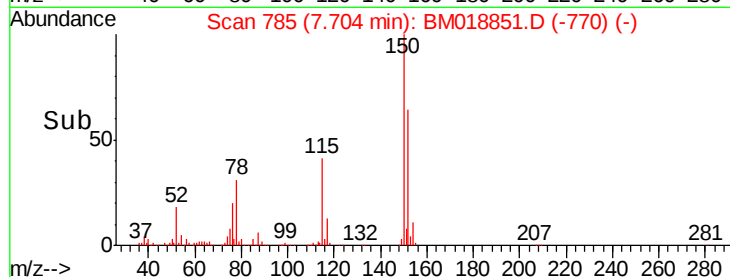
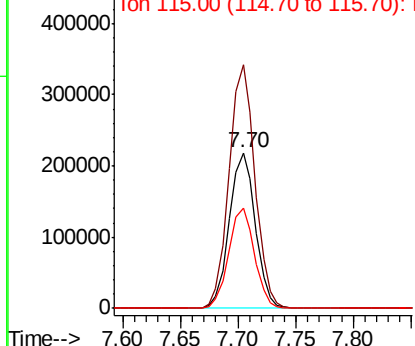


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

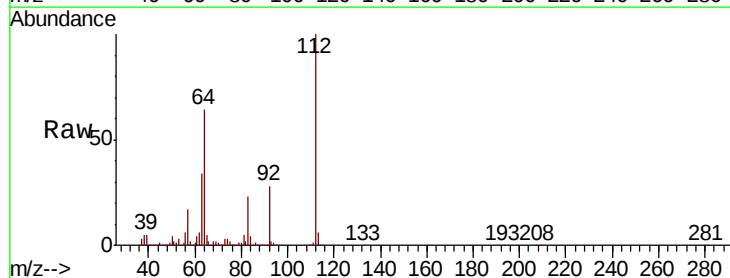
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 123.315 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018851.D
Acq: 18 Feb 2019 22:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	50.6	75.8
63	33.6	25.7	38.5

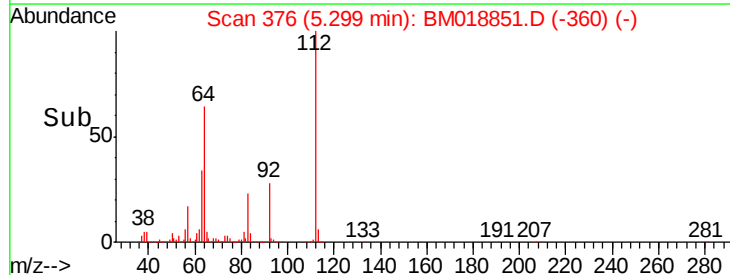
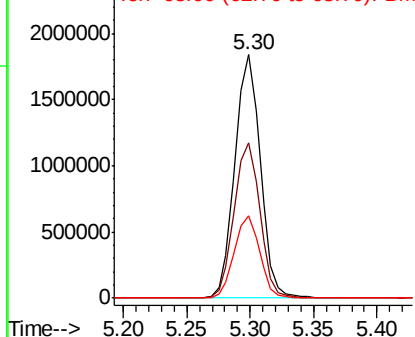


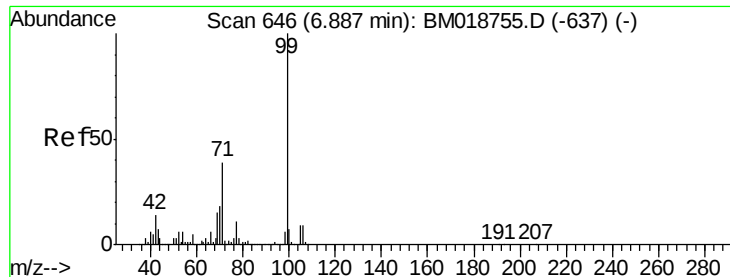
Abundance

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: 102.324 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018851.D

Acq: 18 Feb 2019 22:47

Instrument :

BNA_M

ClientSampleId :

005-WL-1

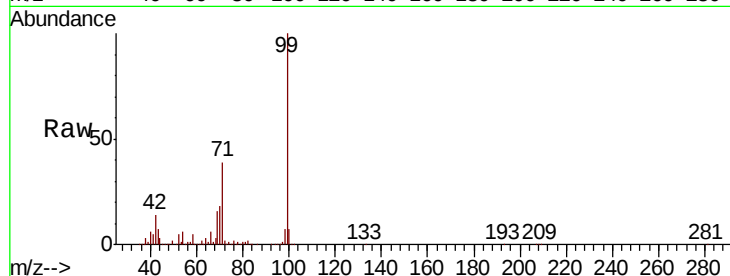
Tot Ion: 99 Resp: 2993695

Ion Ratio Lower Upper

99 100

42 14.4 11.0 16.6

71 39.5 31.3 46.9

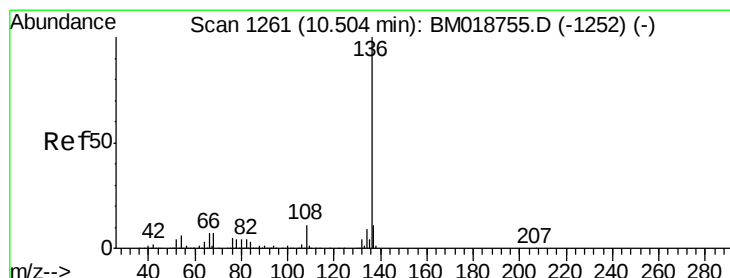
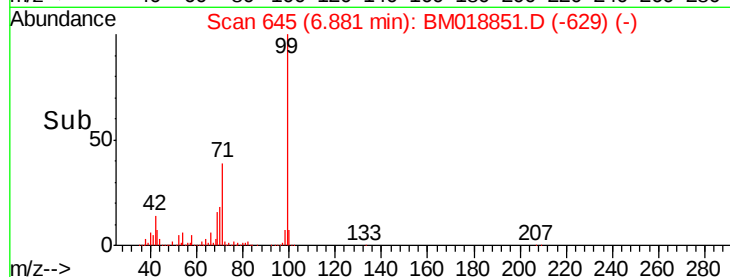
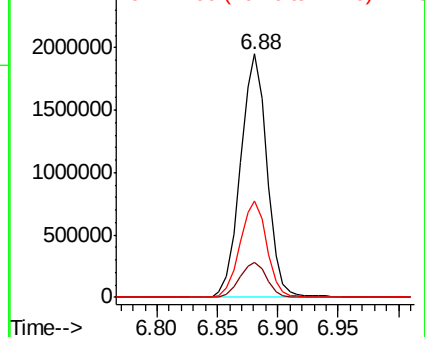


Abundance

Ion 99.00 (98.70 to 99.70): BM018851.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018851.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018851.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM018851.D

Acq: 18 Feb 2019 22:47

Tgt Ion: 136 Resp: 1367235

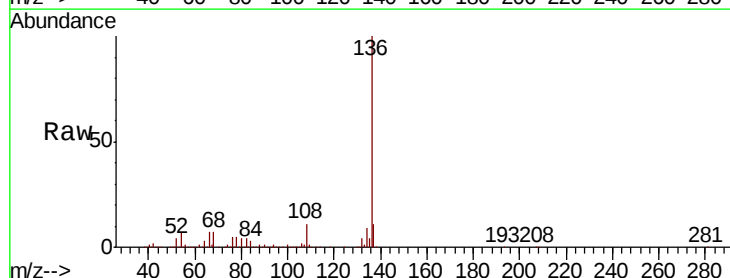
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.7 5.0 7.6

68 7.3 5.5 8.3



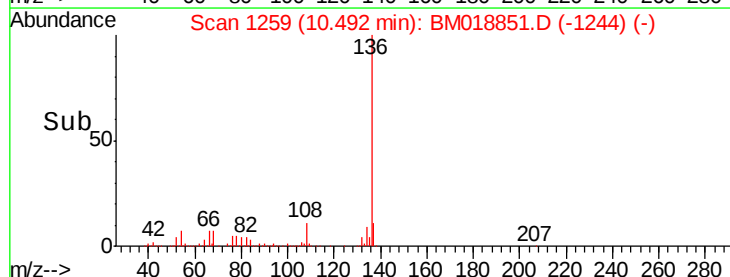
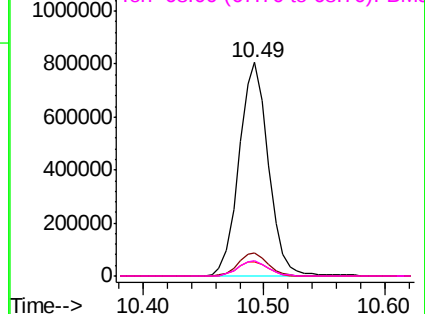
Abundance

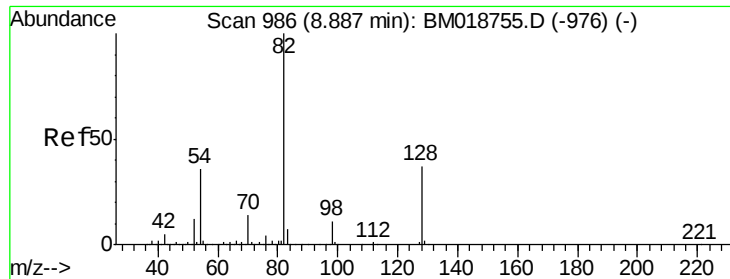
Ion 136.00 (135.70 to 136.70): BM018851.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM018851.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM018851.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018851.D (-1244) (-)

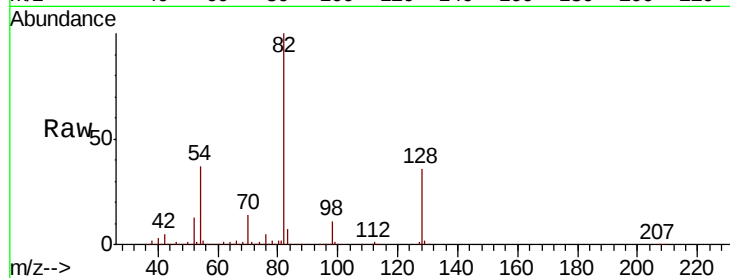




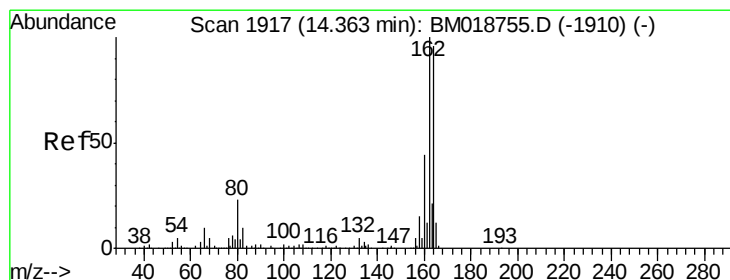
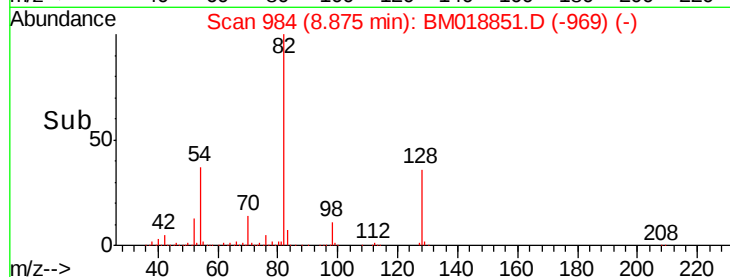
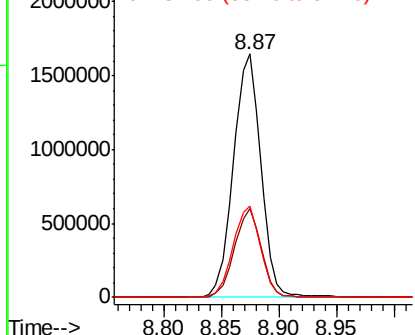
#23
Nitrobenzene-d5
Concen: 91.843 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM018851.D
Acq: 18 Feb 2019 22:47

Instrument :
BNA_M
ClientSampleId :
005-WL-1

Tot Ion: 82 Resp: 2715729
Ion Ratio Lower Upper
82 100
128 36.4 29.9 44.9
54 37.4 29.1 43.7

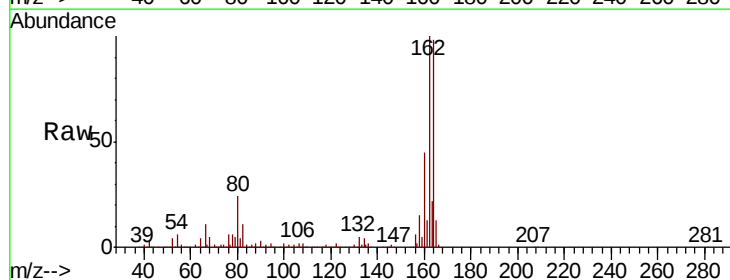


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0

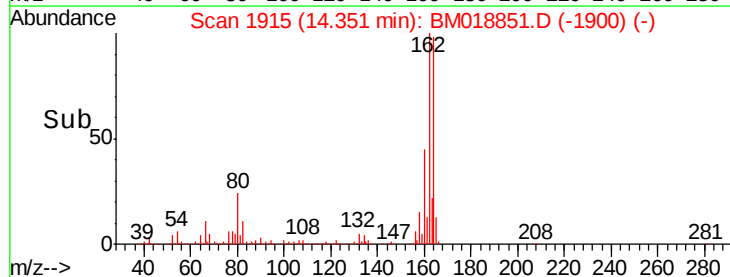
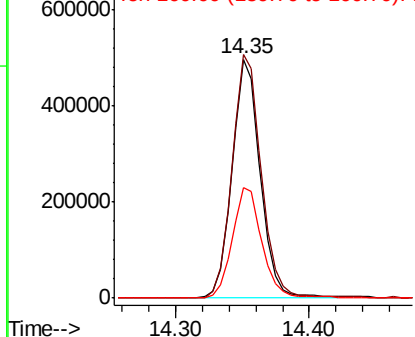


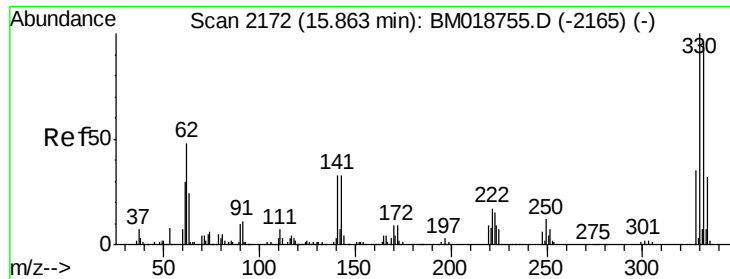
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018851.D
Acq: 18 Feb 2019 22:47

Tgt Ion:164 Resp: 729607
Ion Ratio Lower Upper
164 100
162 101.9 83.4 125.0
160 46.0 36.6 55.0



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

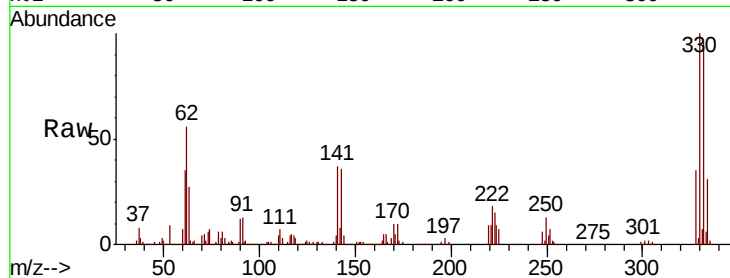




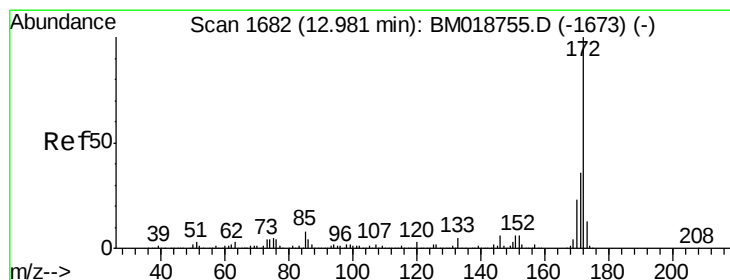
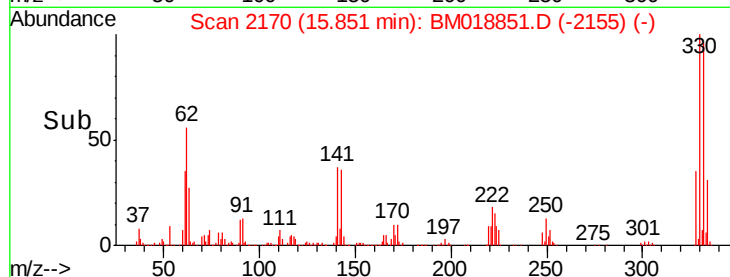
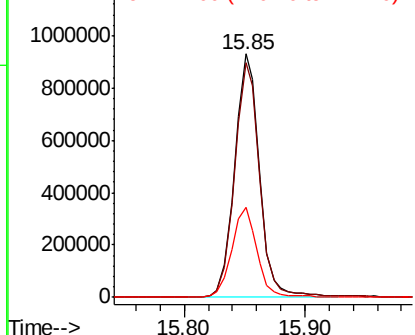
#42
 2,4,6-Tribromophenol
 Concen: 127.395 ng
 RT: 15.85 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM018851.D
 Acq: 18 Feb 2019 22:47

Instrument :
 BNA_M
 ClientSampleId :
 005-WL-1

Tot Ion:330 Resp: 1339825
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.9 115.3
 141 37.5 28.7 43.1

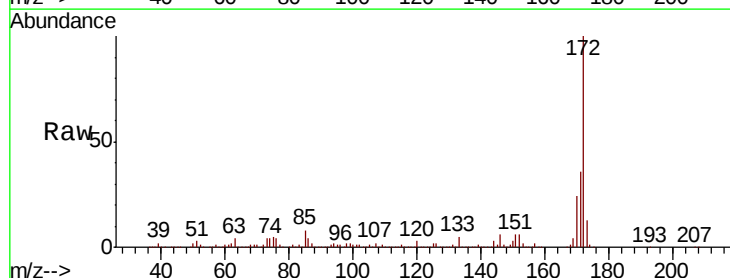


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

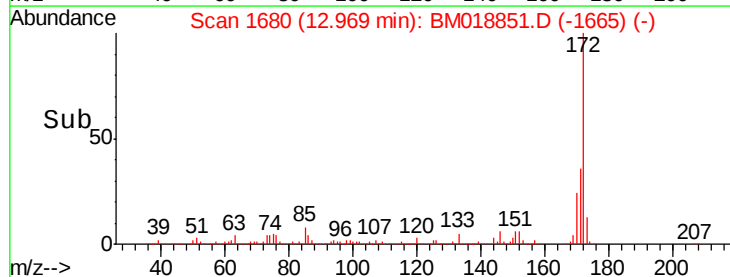
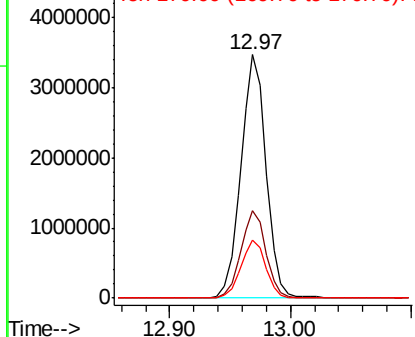


#45
 2-Fluorobiphenyl
 Concen: 91.619 ng
 RT: 12.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM018851.D
 Acq: 18 Feb 2019 22:47

Tgt Ion:172 Resp: 5035549
 Ion Ratio Lower Upper
 172 100
 171 36.0 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

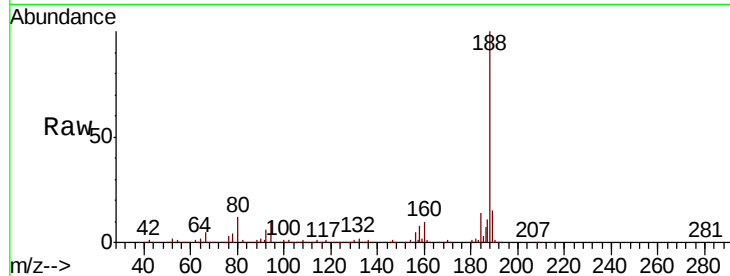




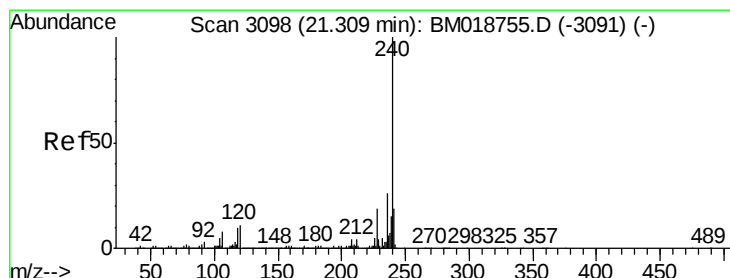
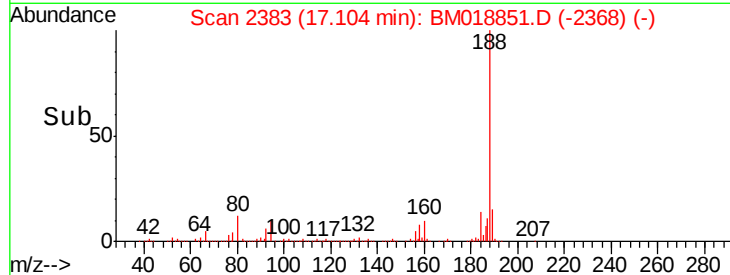
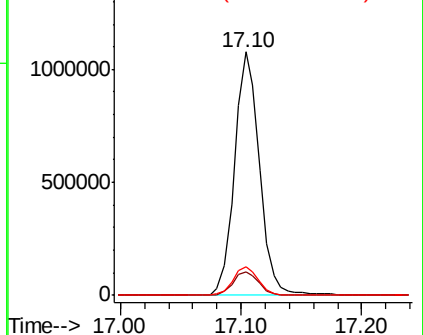
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018851.D
Acq: 18 Feb 2019 22:47

Instrument :
BNA_M
ClientSampled :
005-WL-1

Tot Ion:188 Resp: 1551500
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 11.9 9.7 14.5

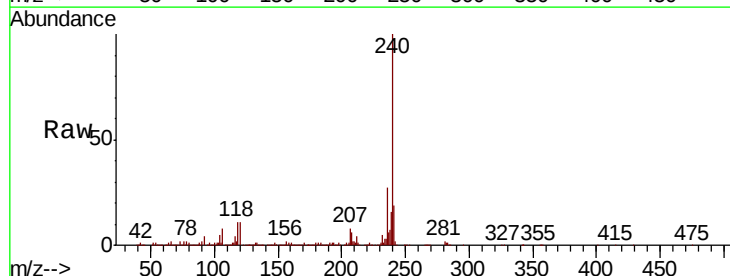


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

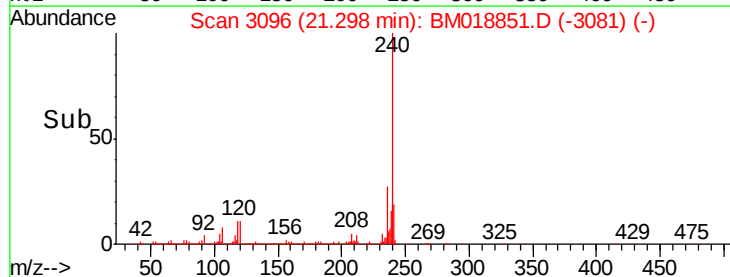
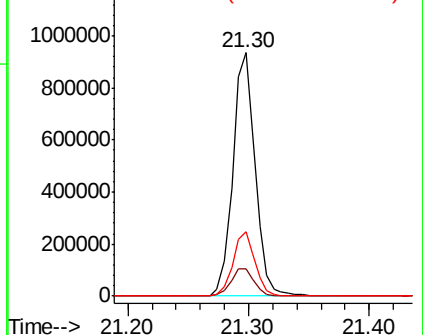


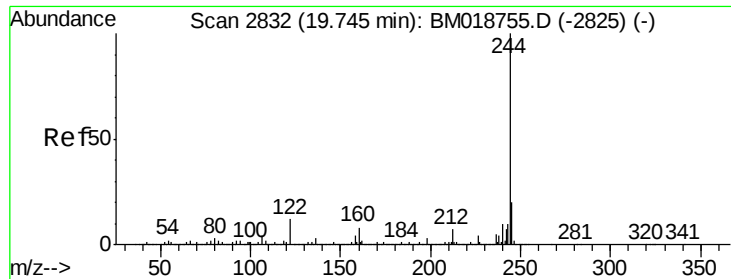
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM018851.D
Acq: 18 Feb 2019 22:47

Tgt Ion:240 Resp: 1205244
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.7 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: 117.874 ng

RT: 19.74 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM018851.D

Acq: 18 Feb 2019 22:47

Instrument :

BNA_M

ClientSampleId :

005-WL-1

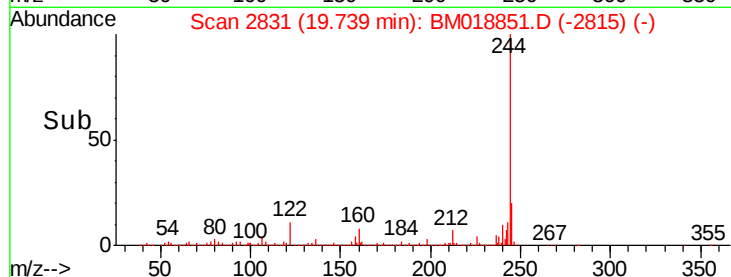
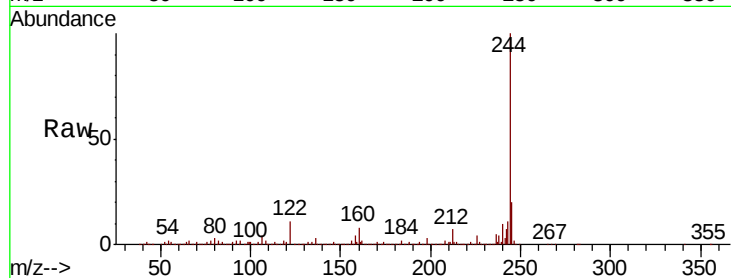
Tot Ion:244 Resp: 6886748

Ion Ratio Lower Upper

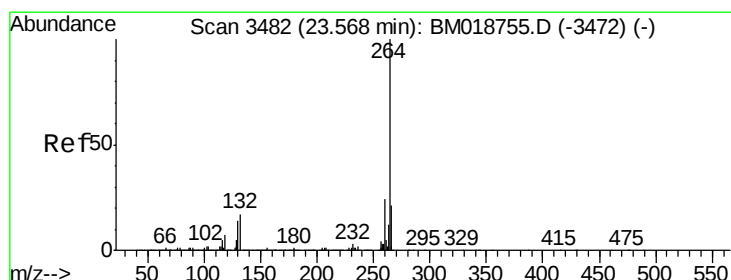
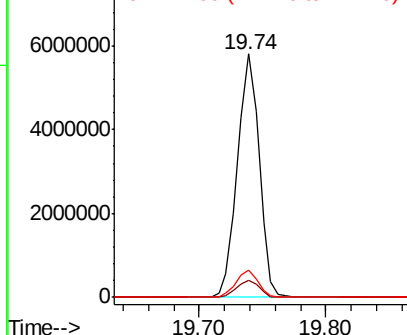
244 100

212 7.2 5.6 8.4

122 11.2 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: BM018851.D

Acq: 18 Feb 2019 22:47

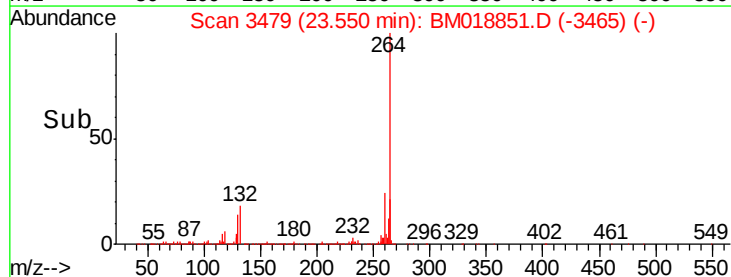
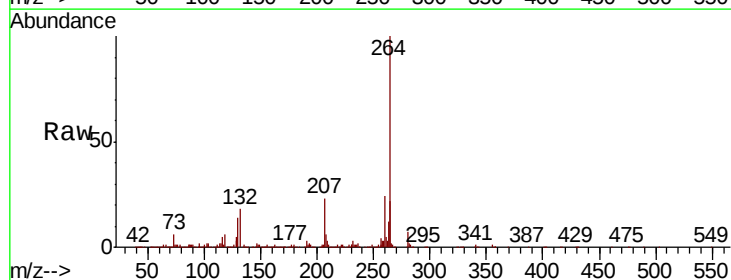
Tgt Ion:264 Resp: 1101115

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 21.7 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

