

Data File : BM018520.D
Acq On : 10 Jan 2019 22:05
Operator : JU/SJ
Sample : K1087-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MH-448-C

Quant Time: Jan 11 03:28:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	454303	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1785575	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	1056074	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2627415	20.00	ng	0.00
76) Chrysene-d12	21.35	240	2768938	20.00	ng	0.00
87) Perylene-d12	23.64	264	2579873	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	3390560	137.81	ng	0.00
7) Phenol-d6	6.94	99	3918862	125.41	ng	0.00
23) Nitrobenzene-d5	8.93	82	3017080	97.95	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	2433483	180.97	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	7907235	97.70	ng	0.00
79) Terphenyl-d14	19.79	244	12633636	96.18	ng	0.00

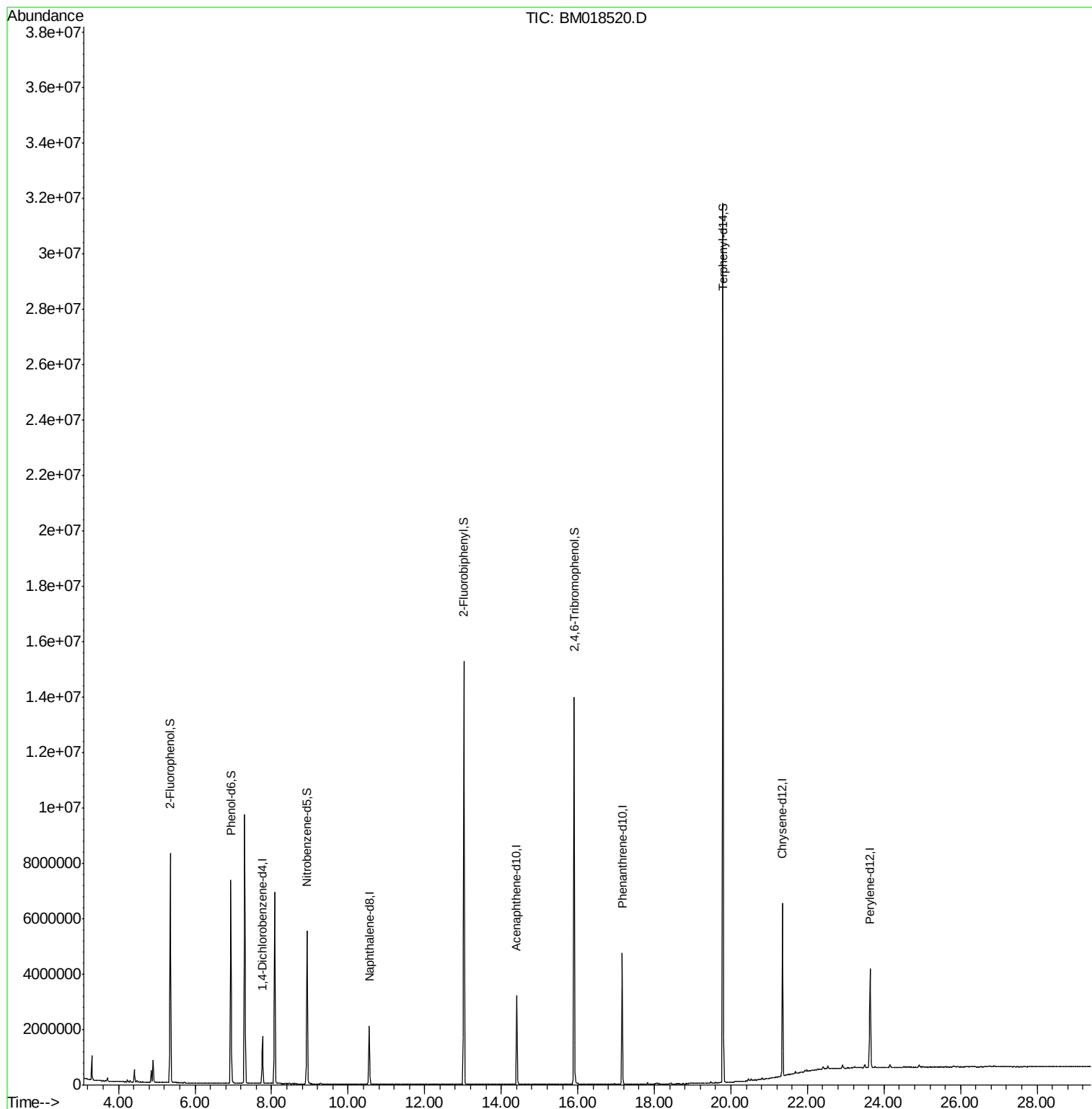
Target Compounds Qvalue

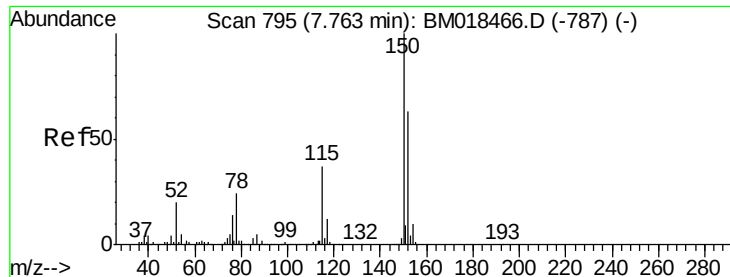
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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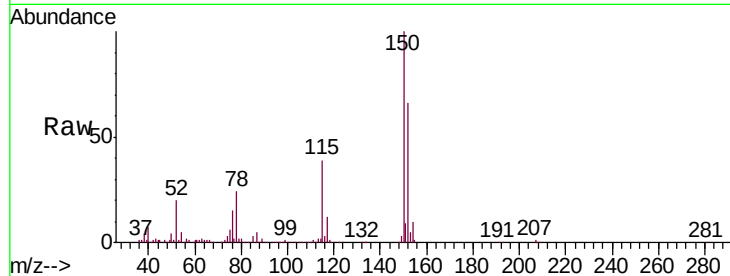


#1

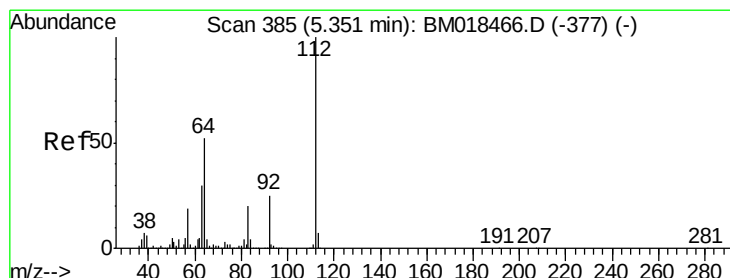
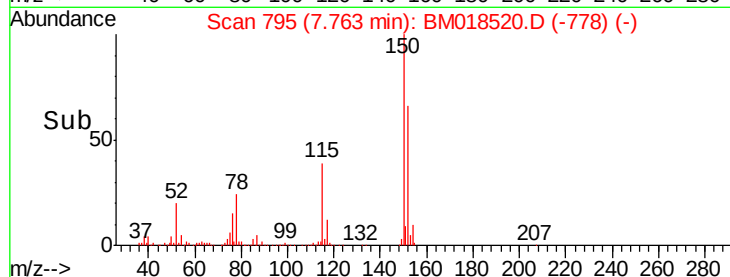
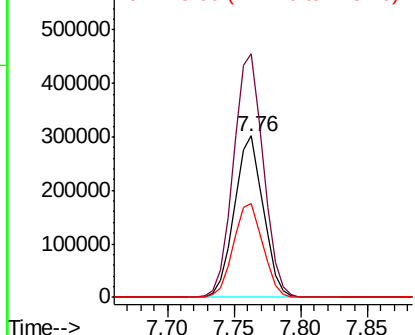
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BM018520.D
Acq: 10 Jan 2019 22:05

Instrument :
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MH-448-C

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.9	126.9	190.3
115	58.1	45.5	68.3



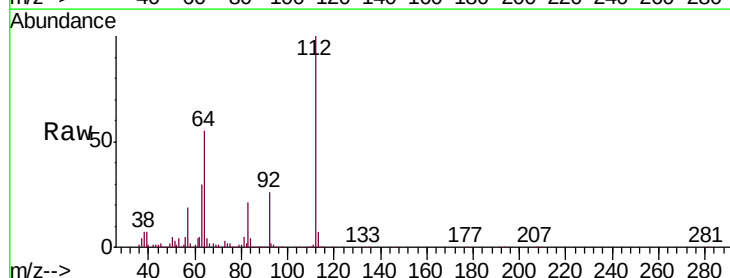
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



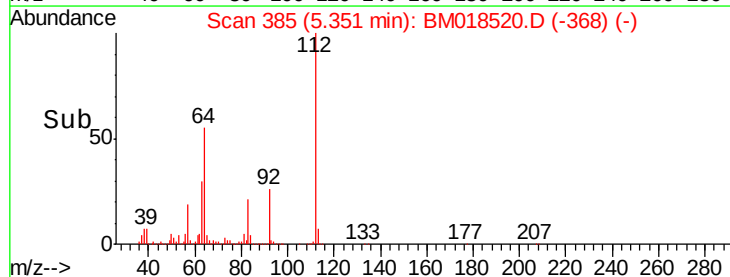
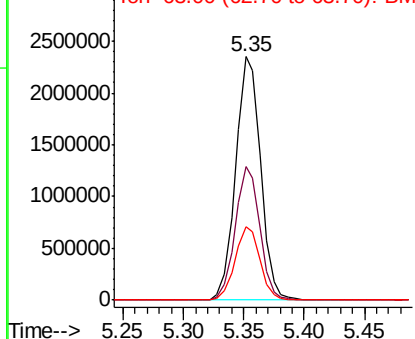
#5

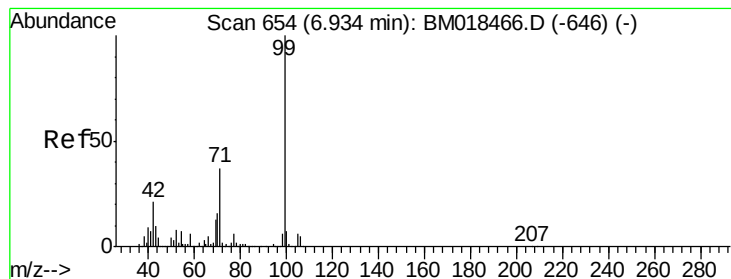
2-Fluorophenol
Concen: 137.808 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.00 min
Lab File: BM018520.D
Acq: 10 Jan 2019 22:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.5	69.7
63	30.3	25.2	37.8



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: 125.406 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018520.D

Acq: 10 Jan 2019 22:05

Instrument :

BNA_M

ClientSampleId :

MH-448-C

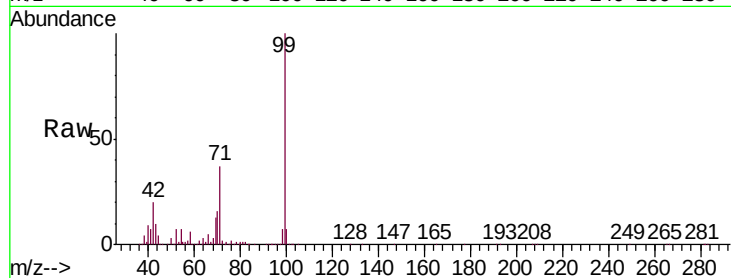
Tgt Ion: 99 Resp: 3918862

Ion Ratio Lower Upper

99 100

42 20.4 17.3 25.9

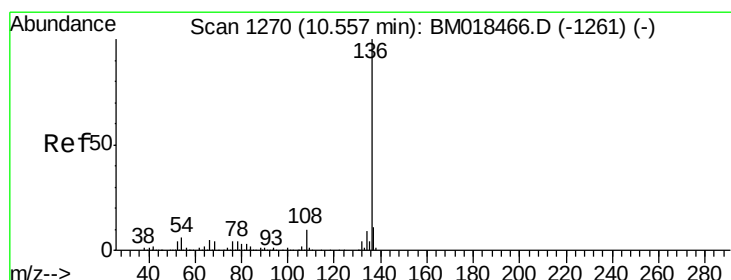
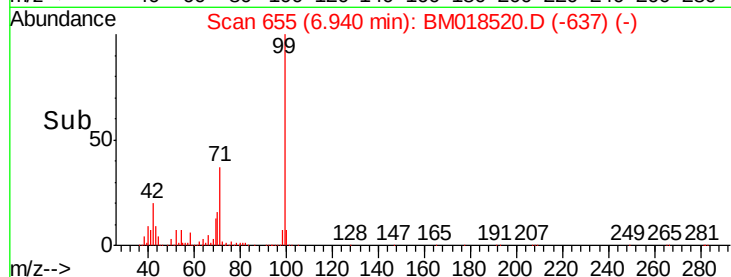
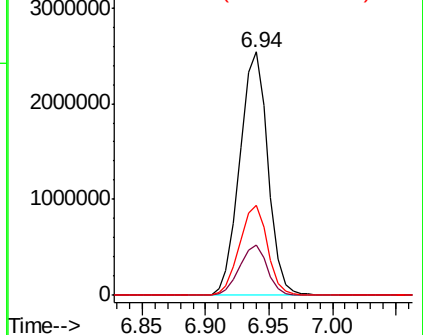
71 37.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018520.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018520.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018520.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BM018520.D

Acq: 10 Jan 2019 22:05

Tgt Ion: 136 Resp: 1785575

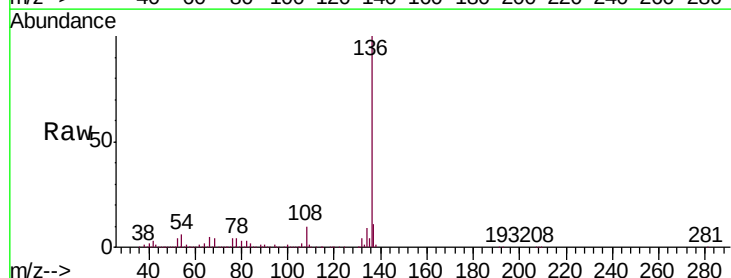
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.2 6.0 9.0

68 4.0 4.5 6.7#

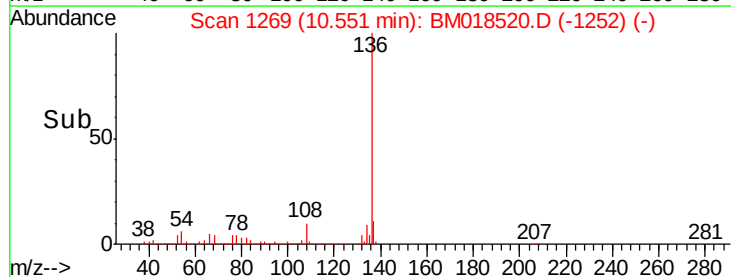
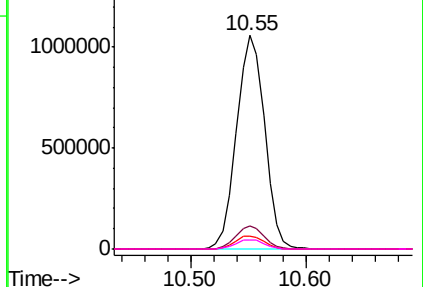


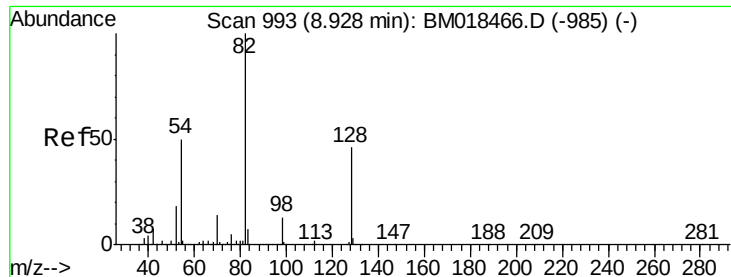
Abundance Ion 136.00 (135.70 to 136.70): BM018520.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018520.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018520.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018520.D (-1252) (-)

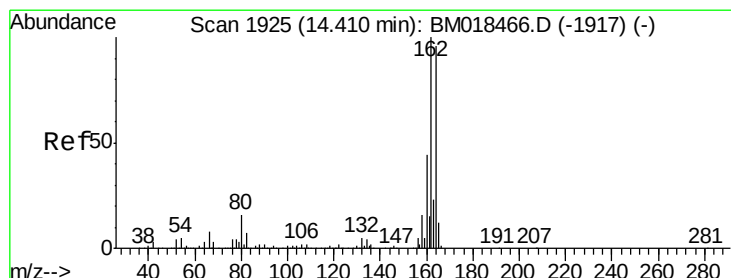
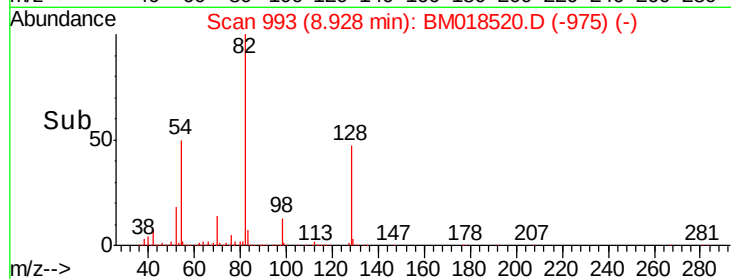
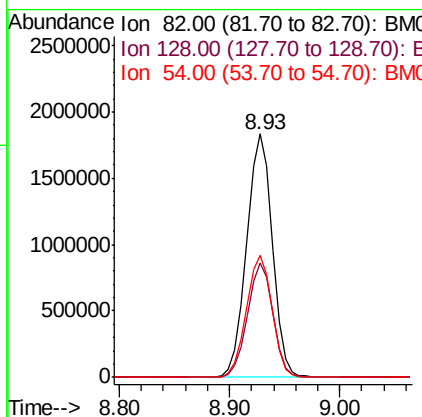
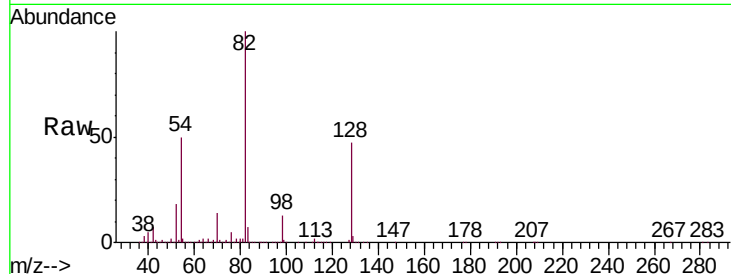




#23
Nitrobenzene-d5
Concen: 97.953 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM018520.D
Acq: 10 Jan 2019 22:05

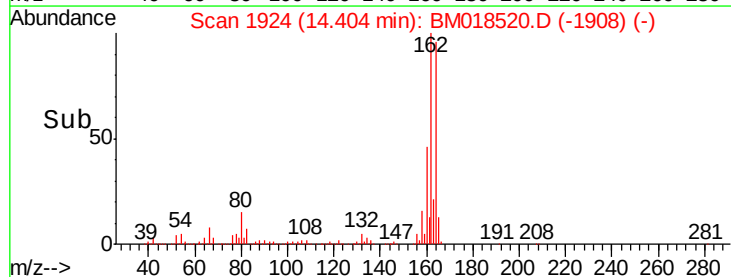
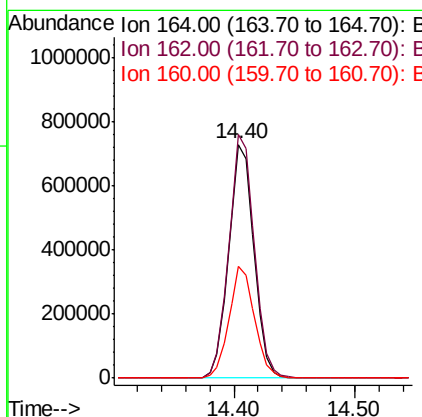
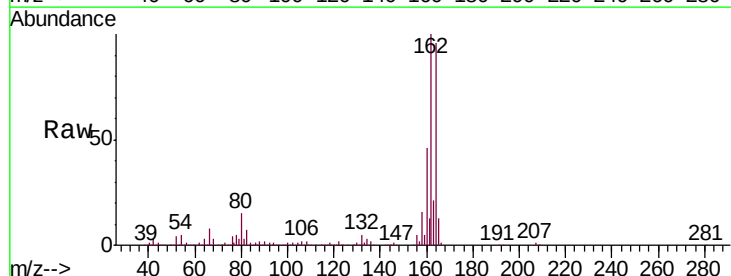
Instrument :
BNA_M
ClientSampled :
MH-448-C

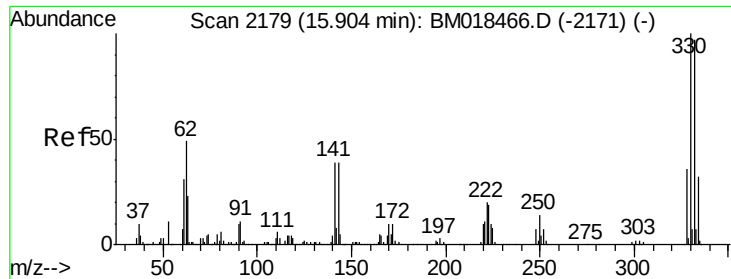
Tgt Ion: 82 Resp: 3017080
Ion Ratio Lower Upper
82 100
128 47.1 36.3 54.5
54 50.4 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018520.D
Acq: 10 Jan 2019 22:05

Tgt Ion: 164 Resp: 1056074
Ion Ratio Lower Upper
164 100
162 104.2 83.0 124.4
160 47.8 37.1 55.7

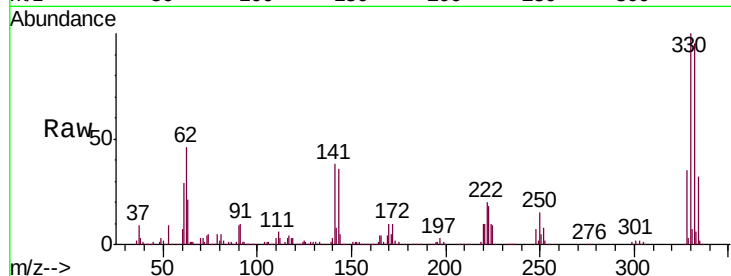




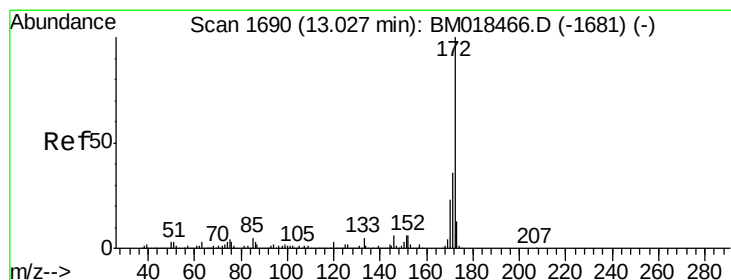
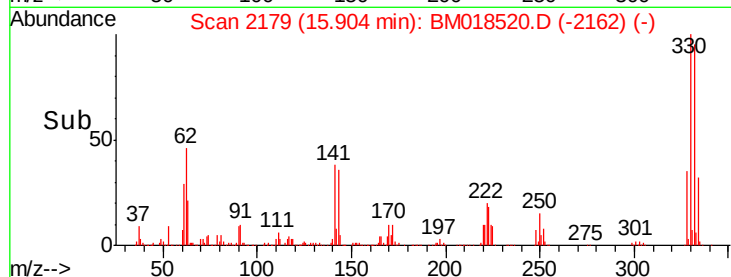
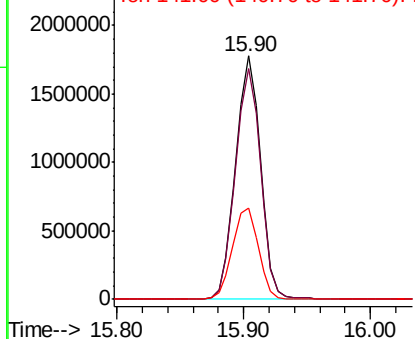
#42
 2,4,6-Tribromophenol
 Concen: 180.971 ng
 RT: 15.90 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BM018520.D
 Acq: 10 Jan 2019 22:05

Instrument :
 BNA_M
 ClientSampleId :
 MH-448-C

Tgt Ion:330 Resp: 2433483
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.6 116.4
 141 38.9 31.7 47.5

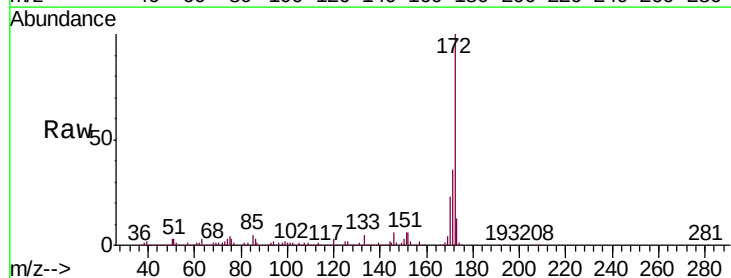


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

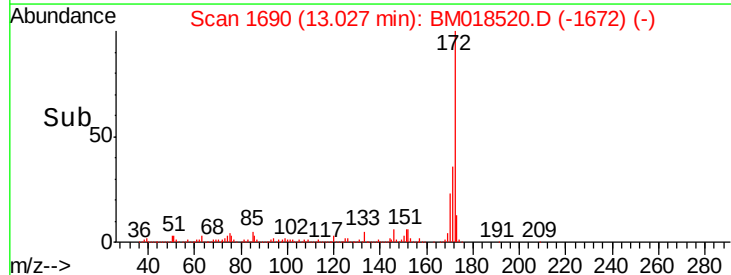
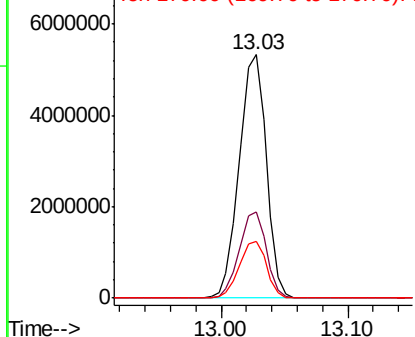


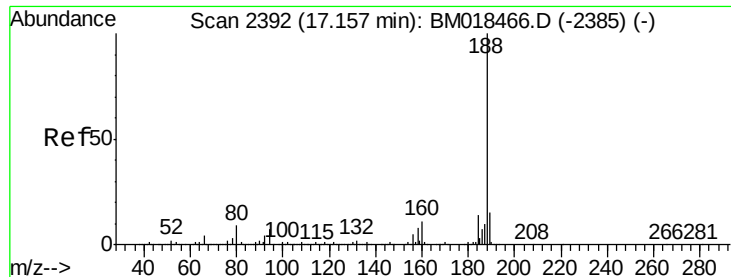
#45
 2-Fluorobiphenyl
 Concen: 97.700 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BM018520.D
 Acq: 10 Jan 2019 22:05

Tgt Ion:172 Resp: 7907235
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.2 42.4
 170 23.4 18.9 28.3



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: 17.16 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BM018520.D

Acq: 10 Jan 2019 22:05

Instrument :

BNA_M

ClientSampleId :

MH-448-C

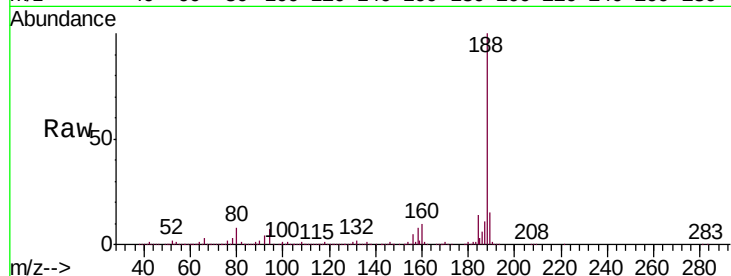
Tgt Ion:188 Resp: 2627415

Ion Ratio Lower Upper

188 100

94 7.3 7.1 10.7

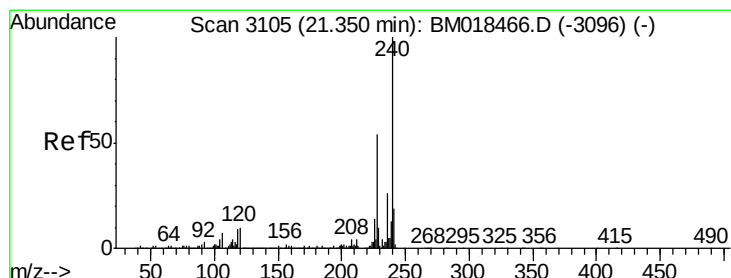
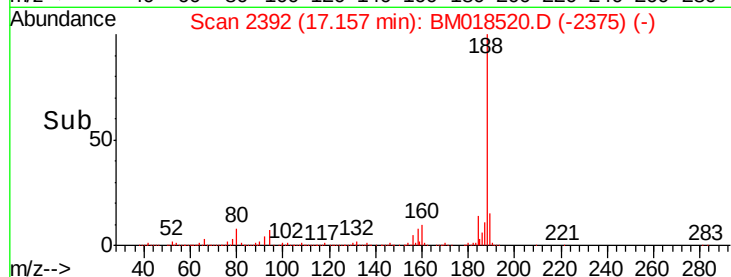
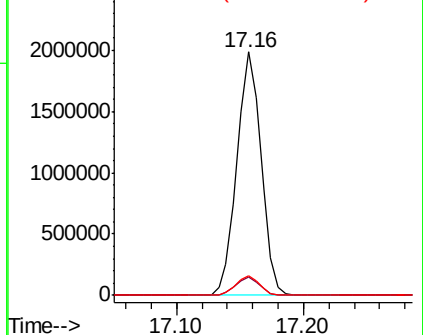
80 7.9 7.6 11.4



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: 21.35 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BM018520.D

Acq: 10 Jan 2019 22:05

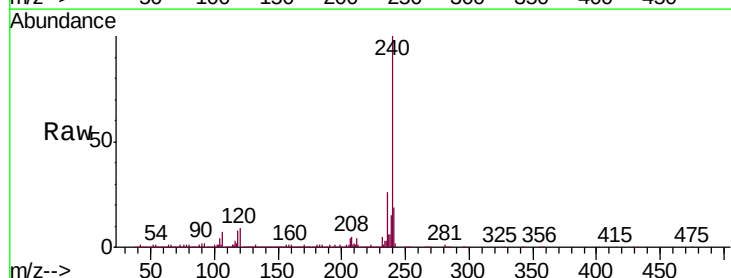
Tgt Ion:240 Resp: 2768938

Ion Ratio Lower Upper

240 100

120 8.9 8.4 12.6

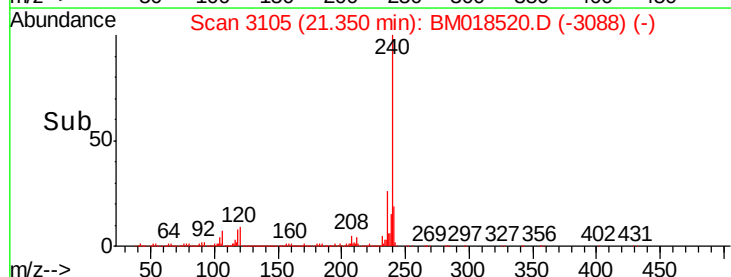
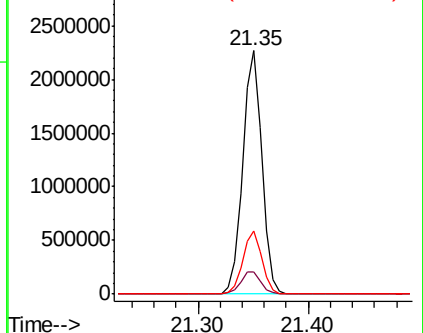
236 26.1 20.7 31.1

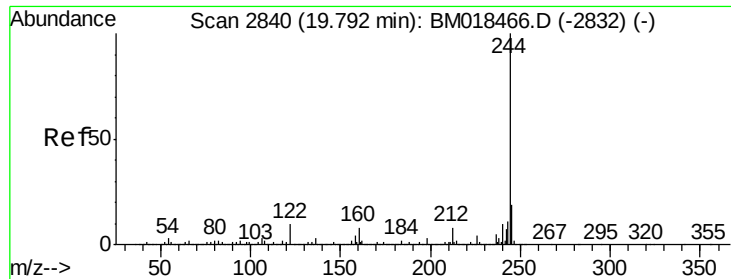


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.182 ng

RT: 19.79 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BM018520.D

Acq: 10 Jan 2019 22:05

Instrument :

BNA_M

ClientSampled :

MH-448-C

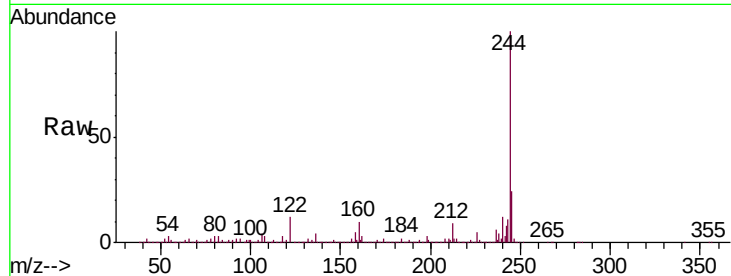
Tgt Ion:244 Resp:12633636

Ion Ratio Lower Upper

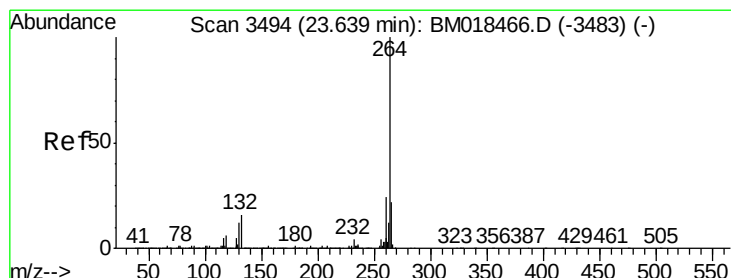
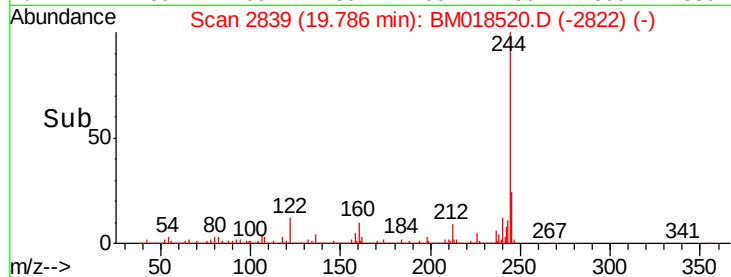
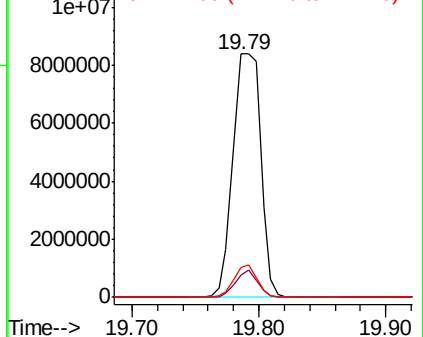
244 100

212 9.2 5.9 8.9#

122 12.2 9.0 13.4



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: 23.64 min Scan# 3494

Delta R.T. 0.01 min

Lab File: BM018520.D

Acq: 10 Jan 2019 22:05

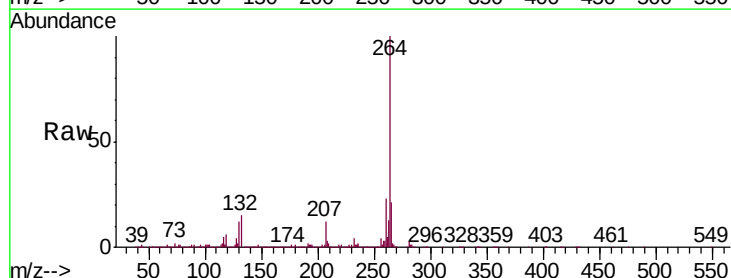
Tgt Ion:264 Resp: 2579873

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.4 16.8 25.2



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

