

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
 Data File : BM018515.D
 Acq On : 10 Jan 2019 19:04
 Operator : JU/SJ
 Sample : K1082-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-2

Quant Time: Jan 11 03:27:12 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	433912	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1773601	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1095207	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2747593	20.00	ng	0.00
76) Chrysene-d12	21.35	240	3158240	20.00	ng	0.00
87) Perylene-d12	23.64	264	3246445	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	2731868	116.25	ng	0.00
7) Phenol-d6	6.94	99	3186256	106.75	ng	0.00
23) Nitrobenzene-d5	8.93	82	2465322	80.58	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	2054460	147.33	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	6070431	72.32	ng	0.00
79) Terphenyl-d14	19.79	244	11879028	79.29	ng	0.00

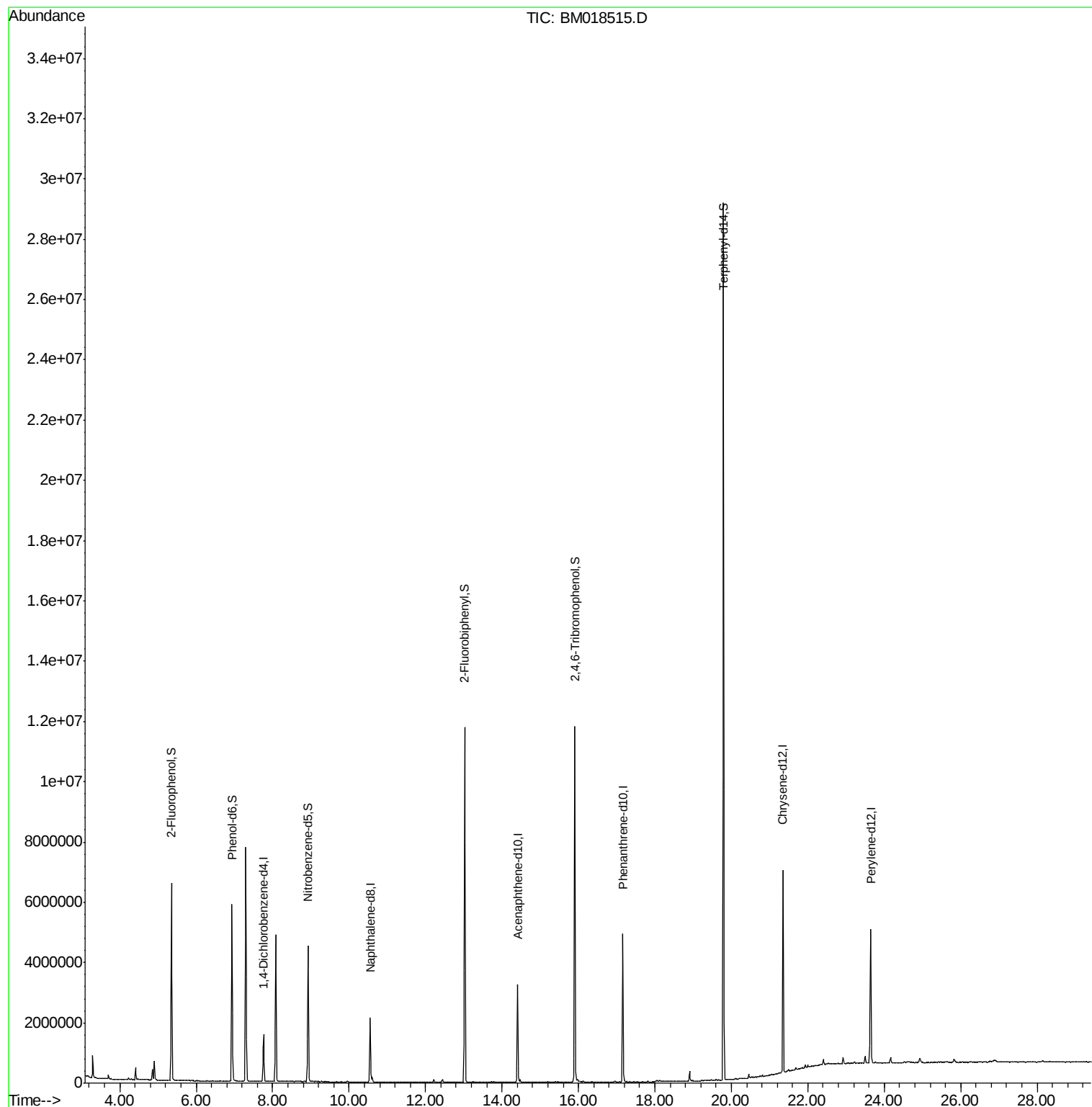
Target Compounds Qvalue

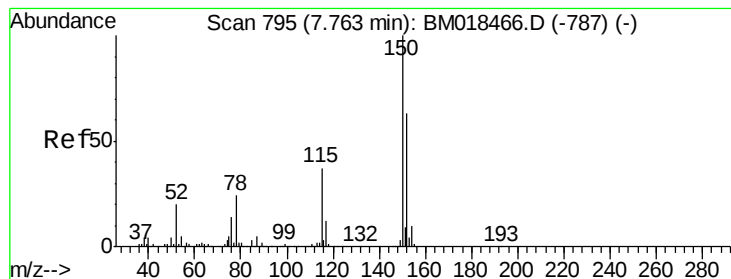
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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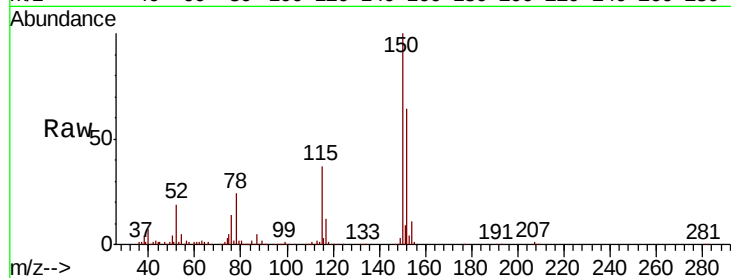


#1

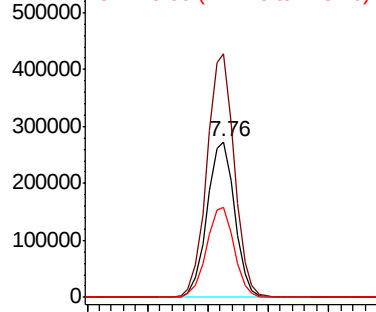
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BM018515.D
Acq: 10 Jan 2019 19:04

Instrument :
BNA_M
ClientSampled :
SP-1-2

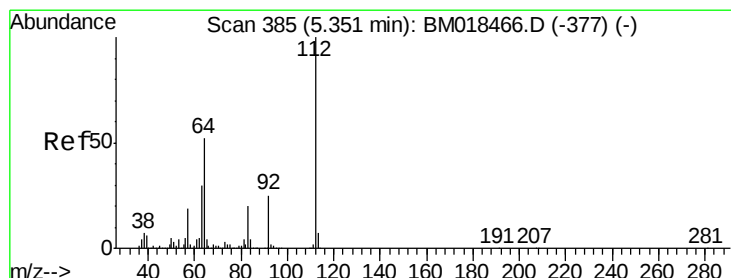
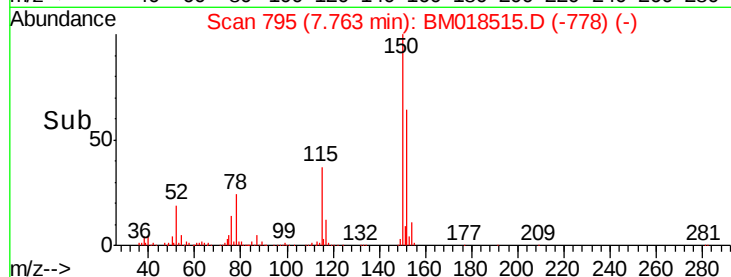
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.9	190.3
115	58.2	45.5	68.3



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



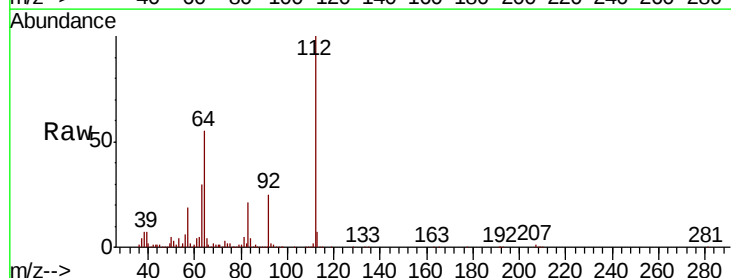
Time-->



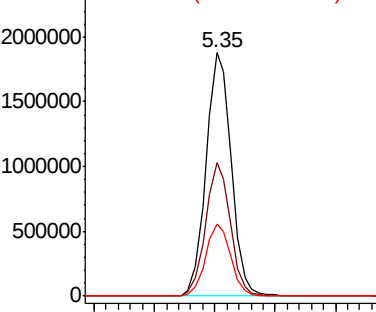
#5

2-Fluorophenol
Concen: 116.253 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.00 min
Lab File: BM018515.D
Acq: 10 Jan 2019 19:04

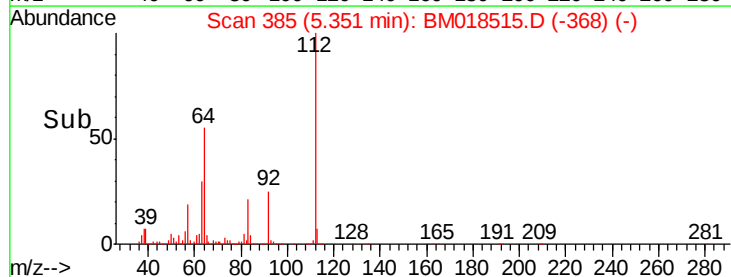
Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.5	69.7
63	29.5	25.2	37.8

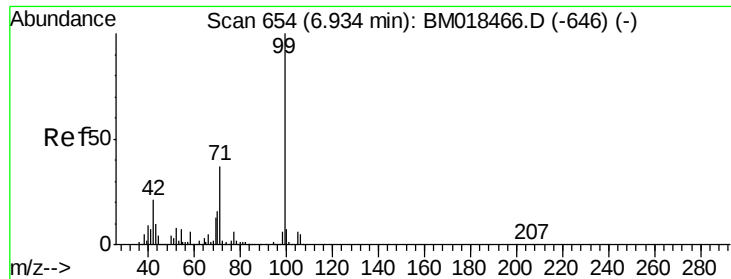


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0



Time-->





#7

Phenol-d6

Concen: 106.753 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018515.D

Acq: 10 Jan 2019 19:04

Instrument :

BNA_M

ClientSampleID :

SP-1-2

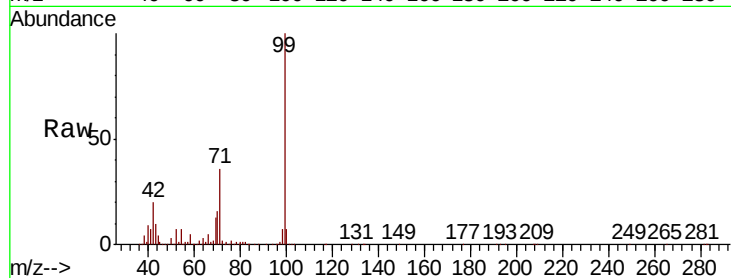
Tot Ion: 99 Resp: 3186256

Ion Ratio Lower Upper

99 100

42 19.9 17.3 25.9

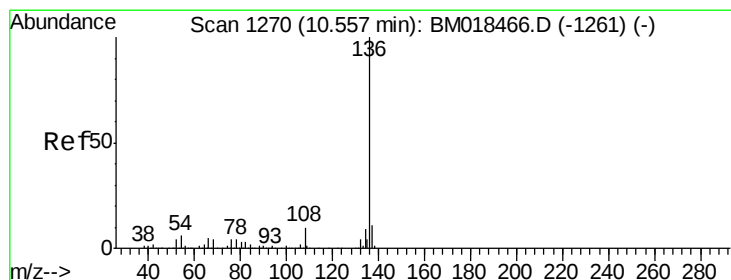
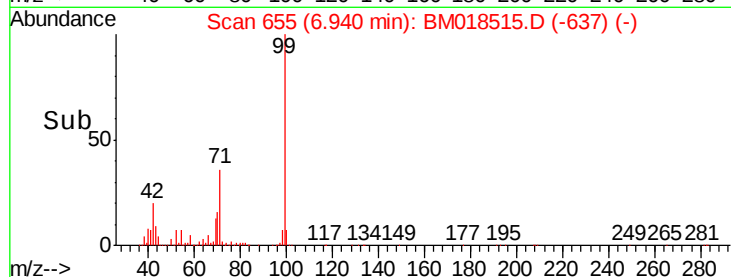
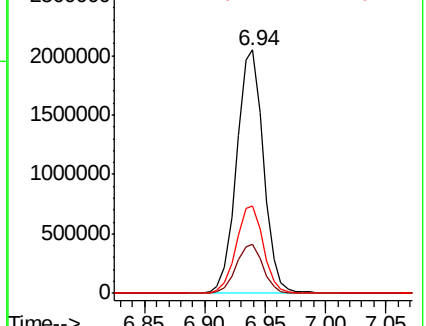
71 35.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BM018515.D

Acq: 10 Jan 2019 19:04

Tgt Ion: 136 Resp: 1773601

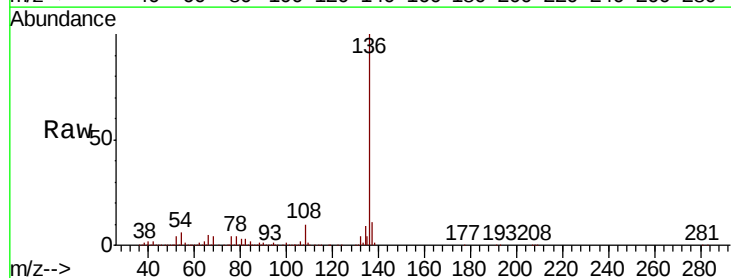
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 6.4 6.0 9.0

68 4.2 4.5 6.7#

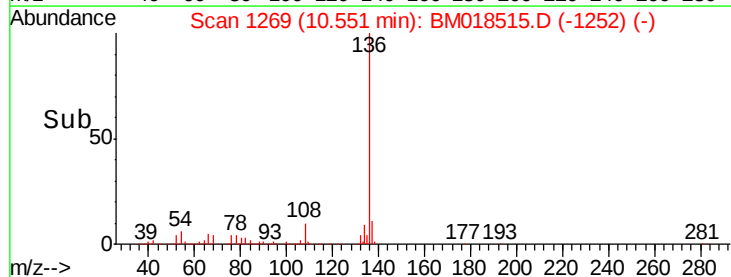
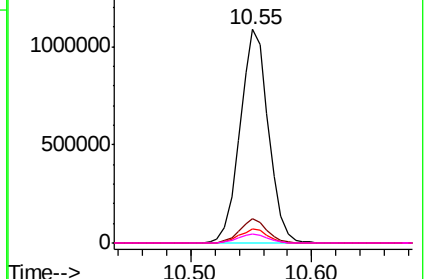


Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM018466.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM018466.D (-1261) (-)





#23

Nitrobenzene-d5

Concen: 80.580 ng

RT: 8.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BM018515.D

Acq: 10 Jan 2019 19:04

Instrument :

BNA_M

ClientSampled :

SP-1-2

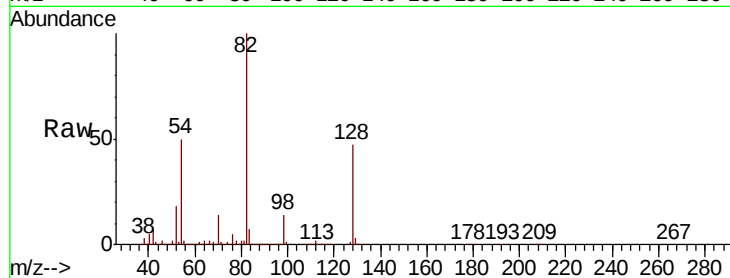
Tot Ion: 82 Resp: 2465322

Ion Ratio Lower Upper

82 100

128 47.5 36.3 54.5

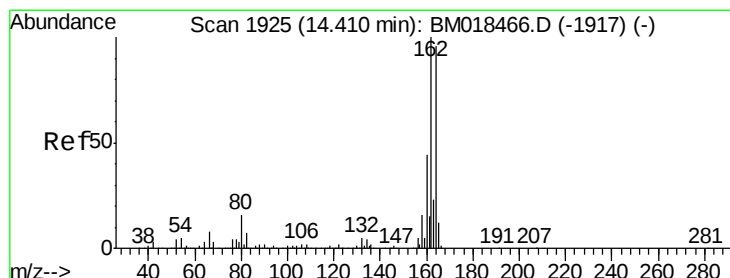
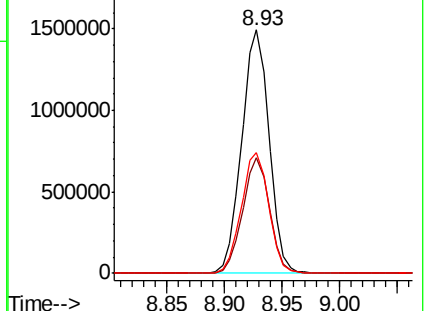
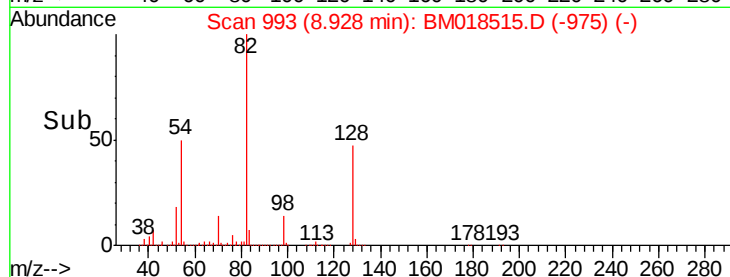
54 49.8 41.7 62.5



Abundance Ion 82.00 (81.70 to 82.70): BM018515.D (-975) (-)

Ion 128.00 (127.70 to 128.70): BM018515.D (-975) (-)

Ion 54.00 (53.70 to 54.70): BM018515.D (-975) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BM018515.D

Acq: 10 Jan 2019 19:04

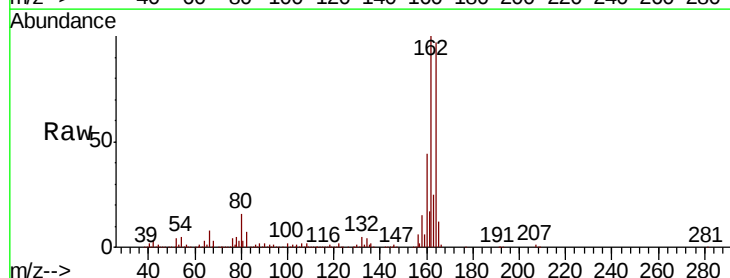
Tgt Ion:164 Resp: 1095207

Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.4

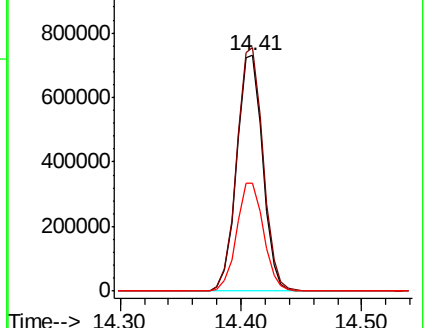
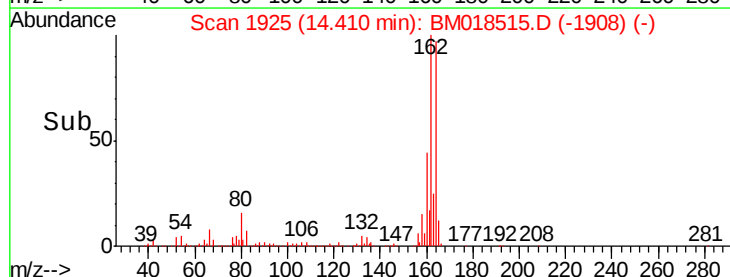
160 45.5 37.1 55.7

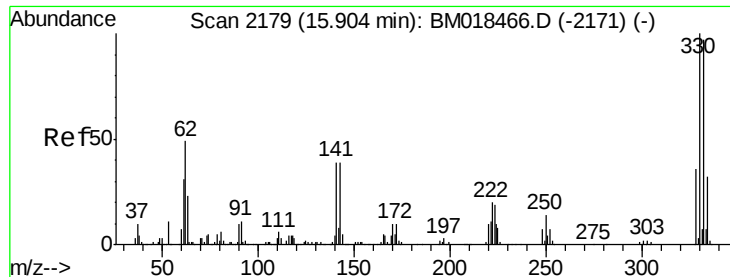


Abundance Ion 164.00 (163.70 to 164.70): BM018515.D (-1908) (-)

Ion 162.00 (161.70 to 162.70): BM018515.D (-1908) (-)

Ion 160.00 (159.70 to 160.70): BM018515.D (-1908) (-)

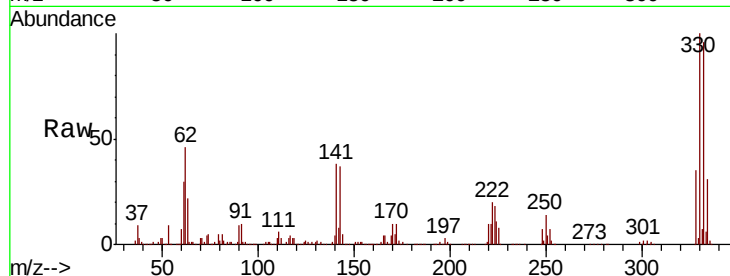




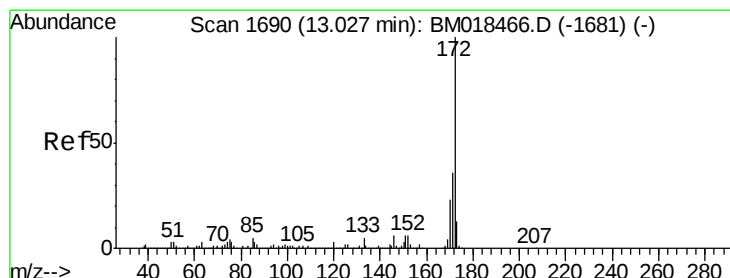
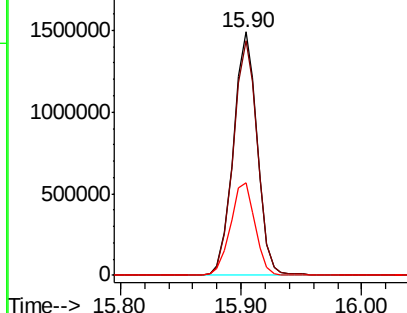
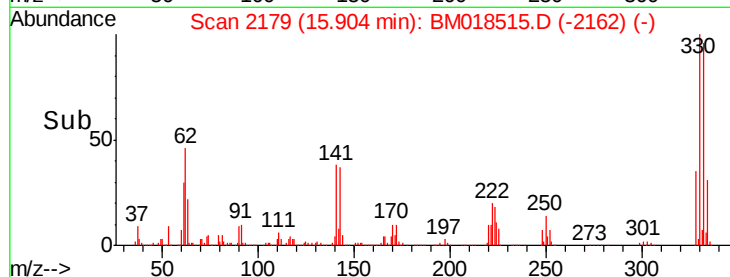
#42
 2,4,6-Tribromophenol
 Concen: 147.325 ng
 RT: 15.90 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BM018515.D
 Acq: 10 Jan 2019 19:04

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-2

Tot Ion:330 Resp: 2054460
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.6 116.4
 141 39.1 31.7 47.5

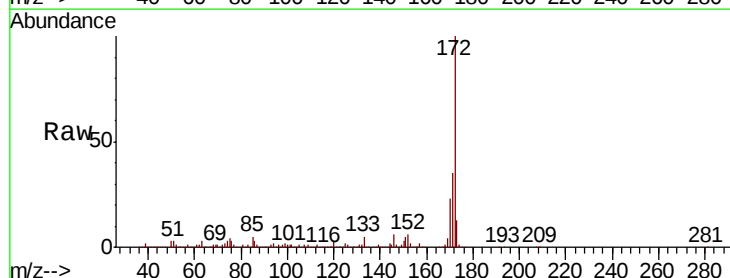


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

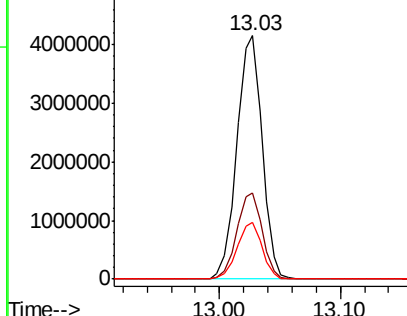
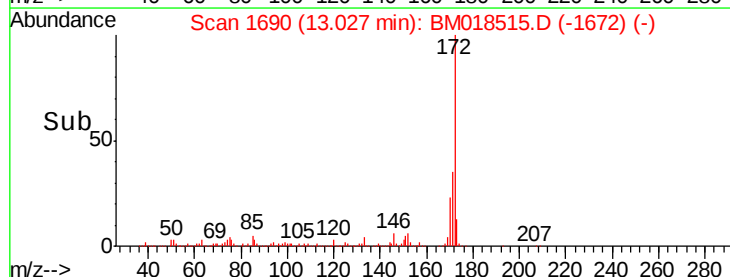


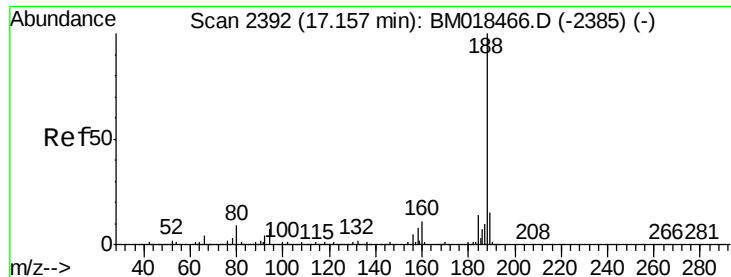
#45
 2-Fluorobiphenyl
 Concen: 72.325 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BM018515.D
 Acq: 10 Jan 2019 19:04

Tgt Ion:172 Resp: 6070431
 Ion Ratio Lower Upper
 172 100
 171 35.2 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

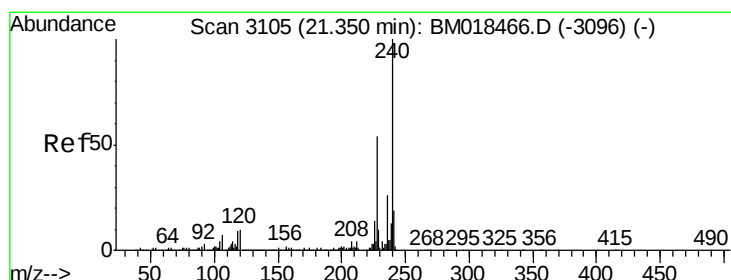
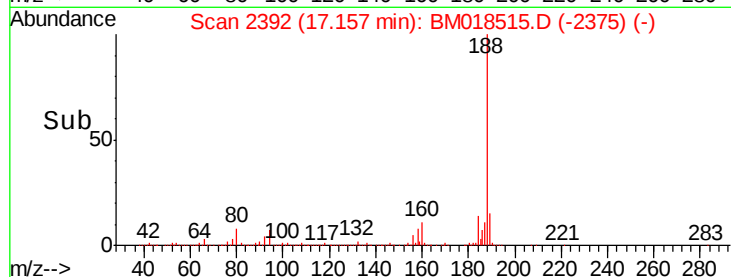
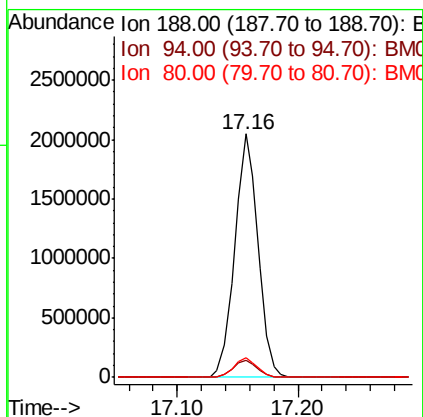
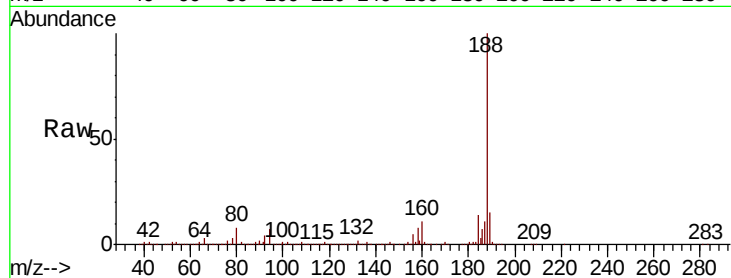




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018515.D
Acq: 10 Jan 2019 19:04

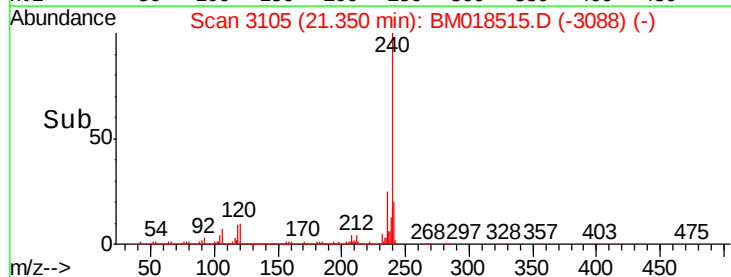
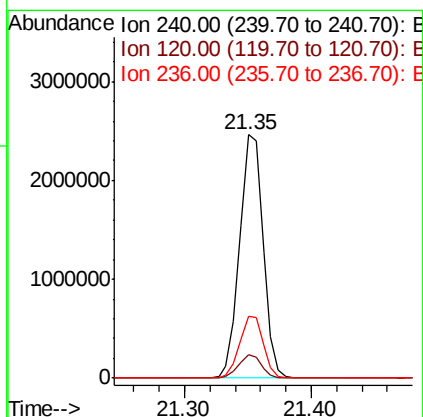
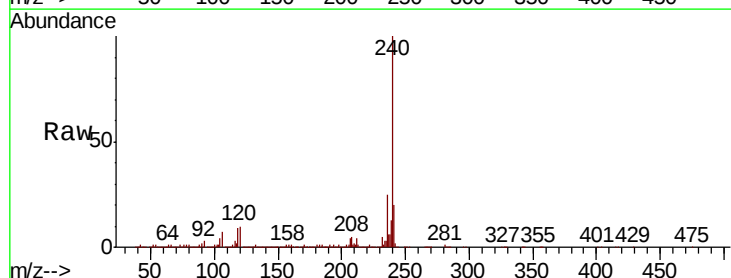
Instrument :
BNA_M
ClientSampleId :
SP-1-2

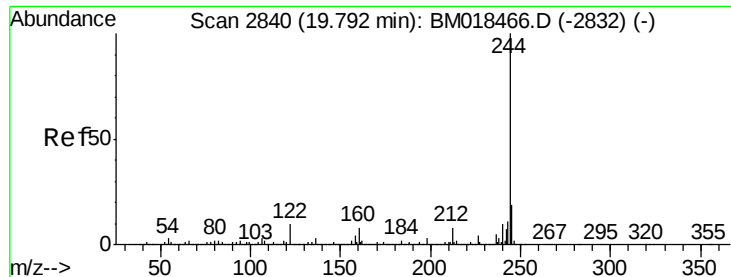
Tot Ion:188 Resp: 2747593
Ion Ratio Lower Upper
188 100
94 7.2 7.1 10.7
80 8.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BM018515.D
Acq: 10 Jan 2019 19:04

Tgt Ion:240 Resp: 3158240
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 25.5 20.7 31.1





#79

Terphenyl-d14

Concen: 79.289 ng

RT: 19.79 min Scan# 2840

Delta R.T. 0.01 min

Lab File: BM018515.D

Acq: 10 Jan 2019 19:04

Instrument :

BNA_M

ClientSampled :

SP-1-2

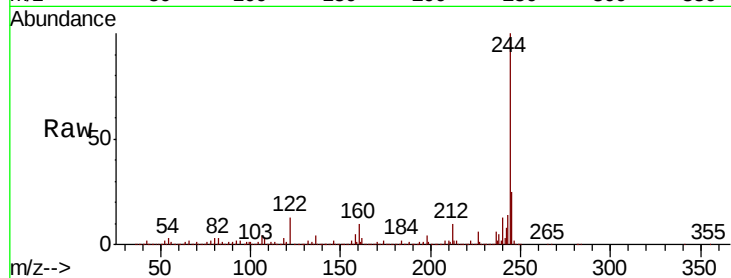
Tot Ion:244 Resp:11879028

Ion Ratio Lower Upper

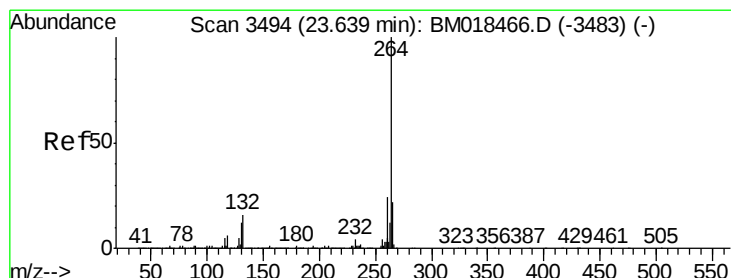
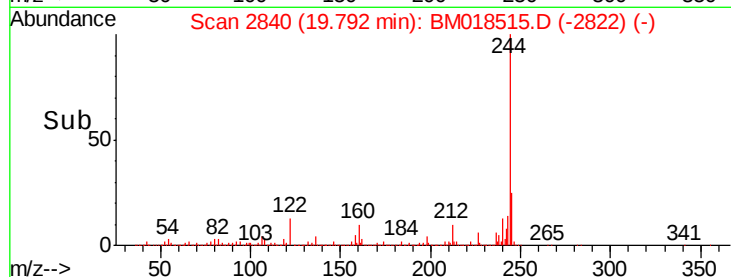
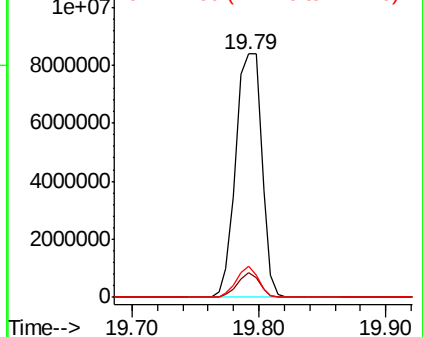
244 100

212 10.1 5.9 8.9#

122 12.6 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# 3495

Delta R.T. 0.01 min

Lab File: BM018515.D

Acq: 10 Jan 2019 19:04

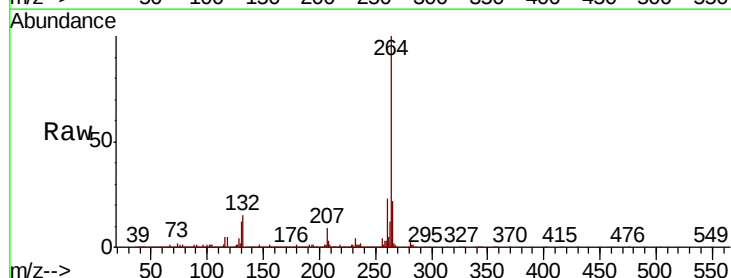
Tgt Ion:264 Resp: 3246445

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 21.6 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

