

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020419\
 Data File : BM018722.D
 Acq On : 04 Feb 2019 17:12
 Operator : JU/SJ
 Sample : PB116792BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116792BL

Quant Time: Feb 04 17:49:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 04 15:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	223763	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	827520	20.00	ng	0.00
39) Acenaphthene-d10	14.37	164	417641	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	842169	20.00	ng	0.00
76) Chrysene-d12	21.31	240	777827	20.00	ng	0.00
87) Perylene-d12	23.57	264	812689	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1778258	146.74	ng	0.00
7) Phenol-d6	6.89	99	2194505	142.58	ng	0.00
23) Nitrobenzene-d5	8.89	82	1317483	92.29	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	718880	135.19	ng	0.00
45) 2-Fluorobiphenyl	12.99	172	3130380	97.80	ng	0.00
79) Terphenyl-d14	19.75	244	3717124	100.74	ng	0.00

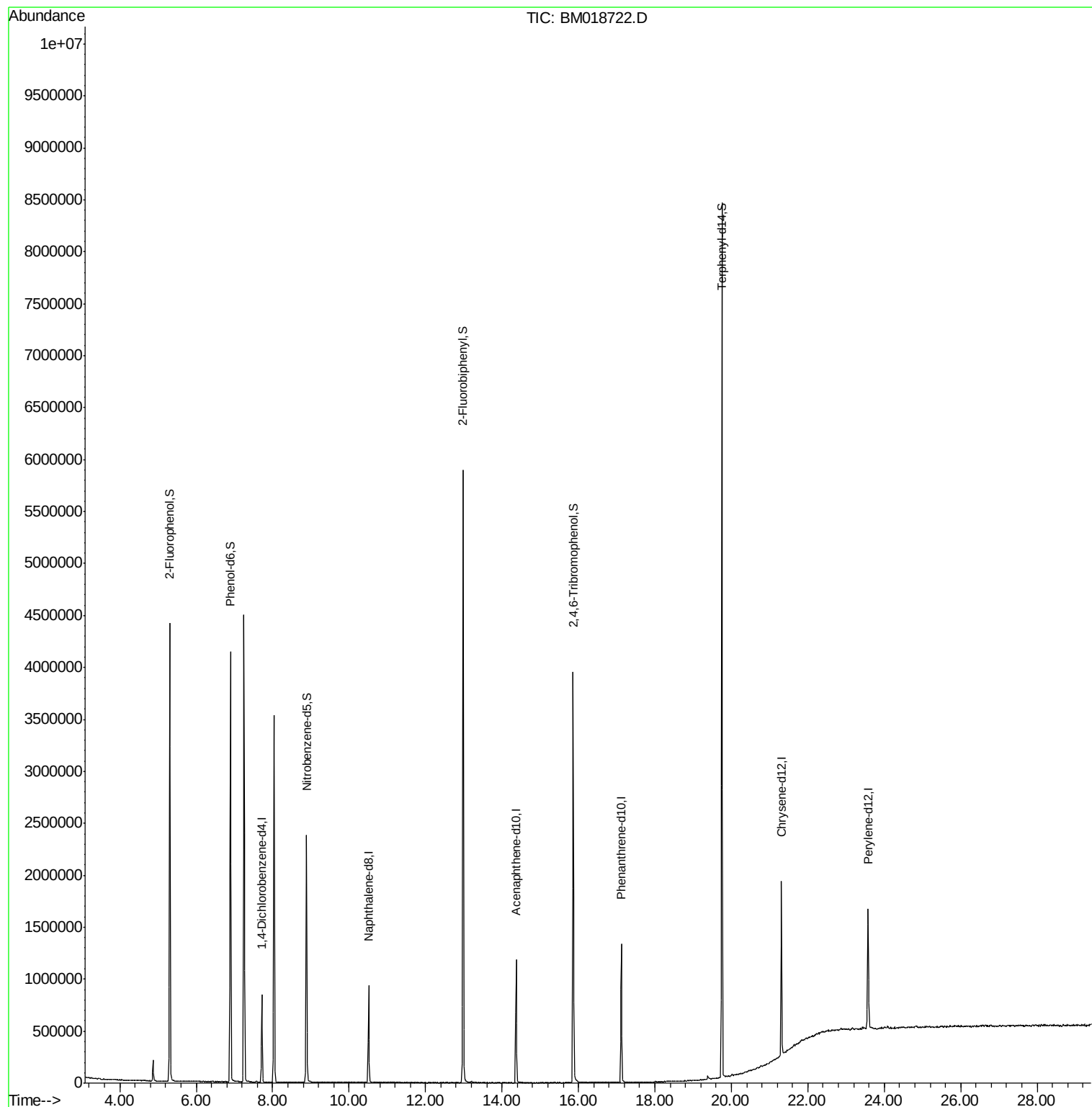
Target Compounds Qvalue

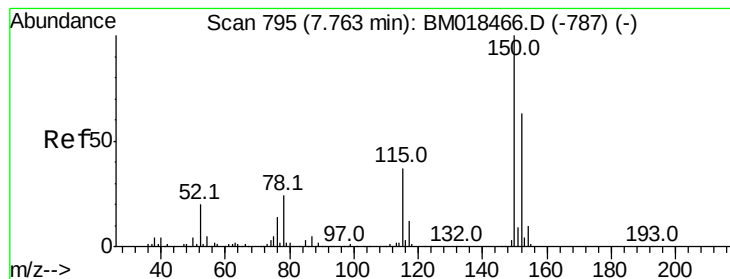
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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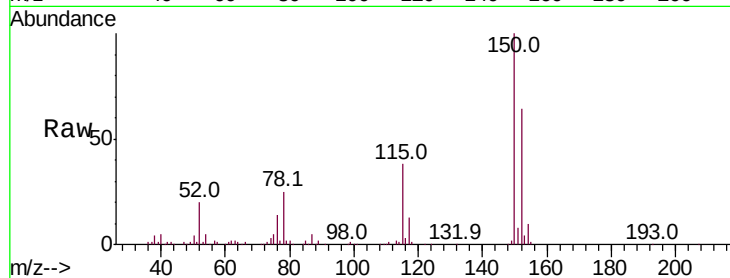


#1

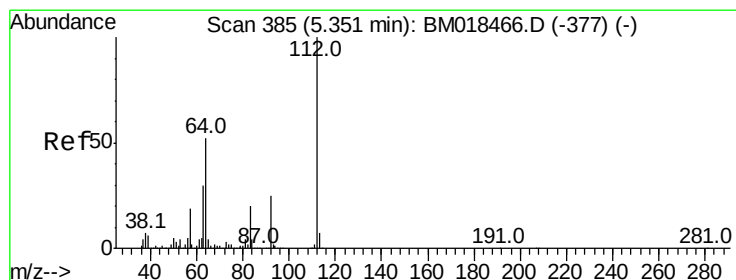
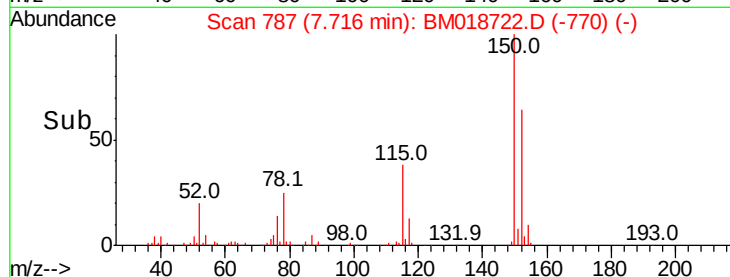
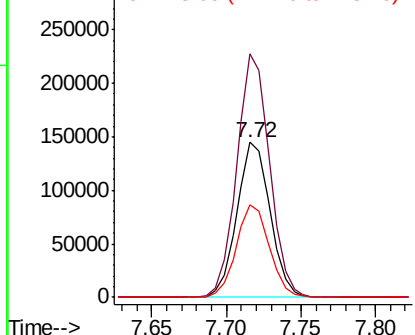
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018722.D
Acq: 04 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB116792BL

Tot Ion:152 Resp: 223763
Ion Ratio Lower Upper
152 100
150 156.8 126.9 190.3
115 59.9 45.5 68.3



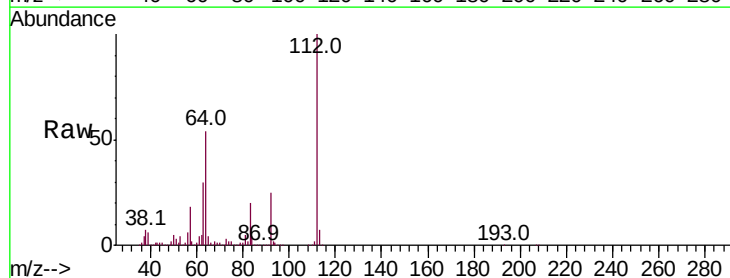
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



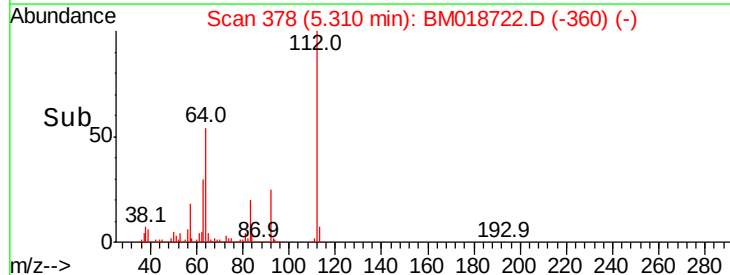
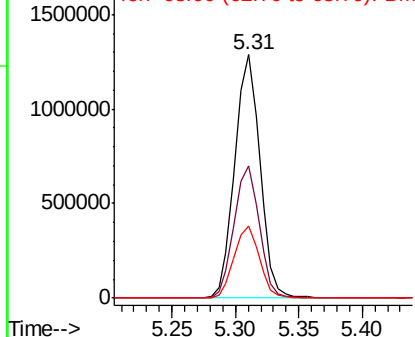
#5

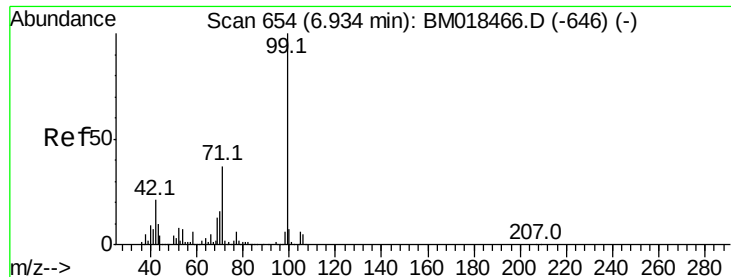
2-Fluorophenol
Concen: 146.742 ng
RT: 5.31 min Scan# 378
Delta R.T. 0.01 min
Lab File: BM018722.D
Acq: 04 Feb 2019 17:12

Tgt Ion:112 Resp: 1778258
Ion Ratio Lower Upper
112 100
64 54.4 46.5 69.7
63 29.6 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: 142.578 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM018722.D

Acq: 04 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB116792BL

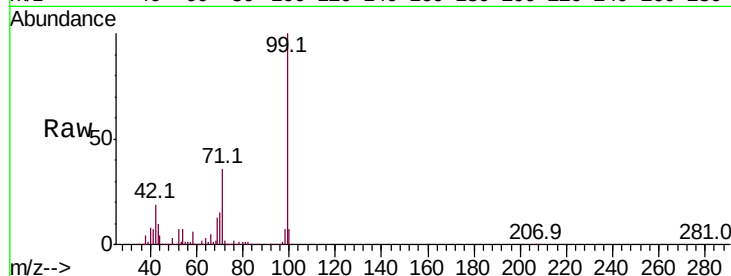
Tot Ion: 99 Resp: 2194505

Ion Ratio Lower Upper

99 100

42 19.4 17.3 25.9

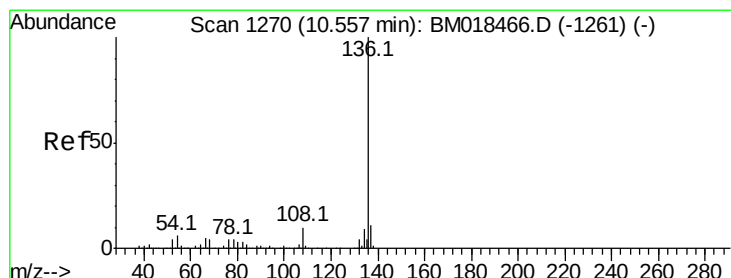
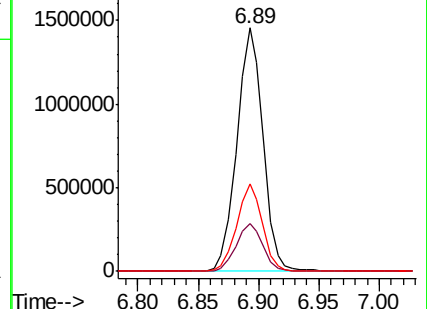
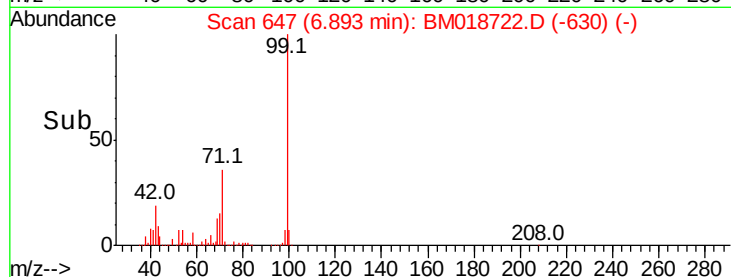
71 35.7 28.0 42.0



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: 10.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BM018722.D

Acq: 04 Feb 2019 17:12

Tgt Ion: 136 Resp: 827520

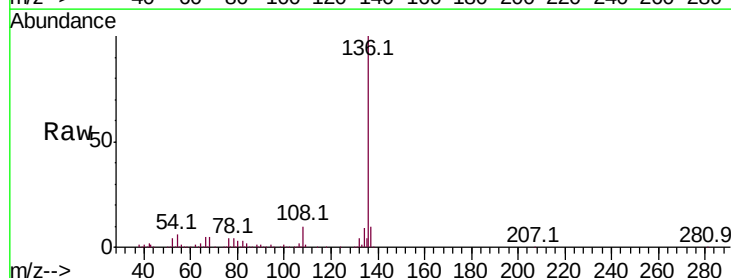
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.5 6.0 9.0

68 4.9 4.5 6.7

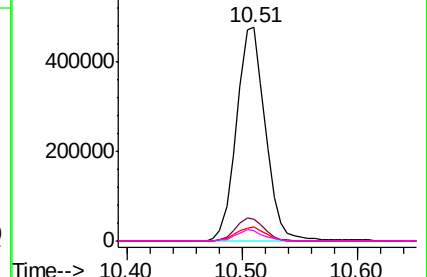
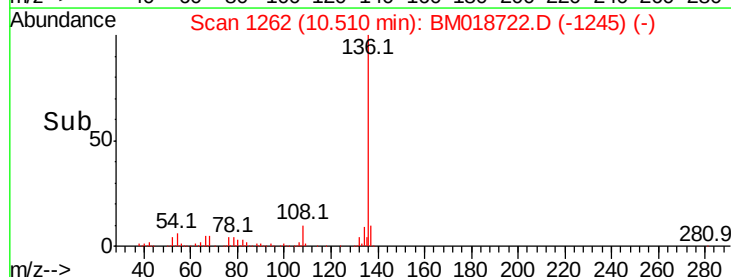


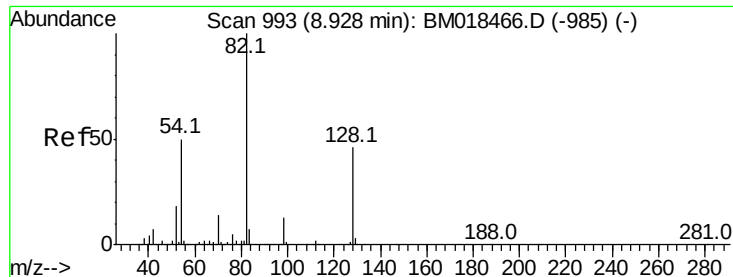
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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: 92.295 ng

RT: 8.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BM018722.D

Acq: 04 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB116792BL

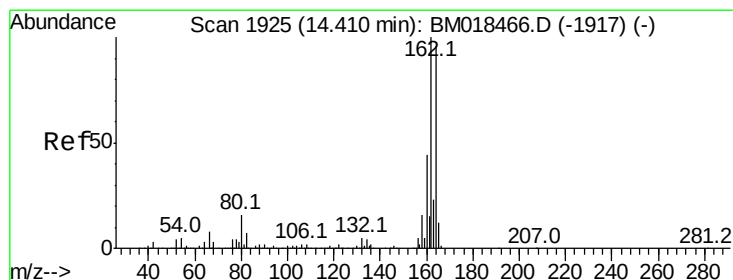
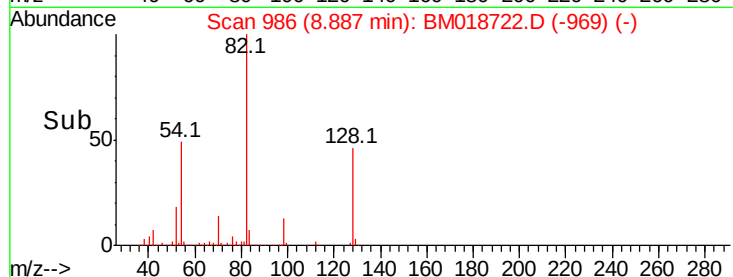
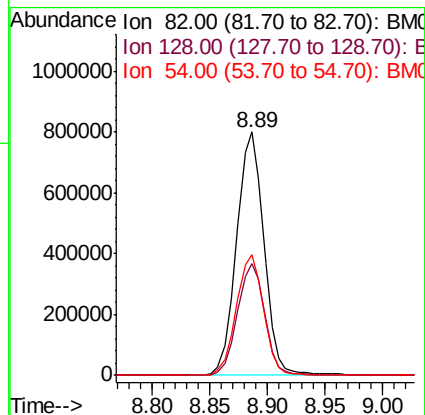
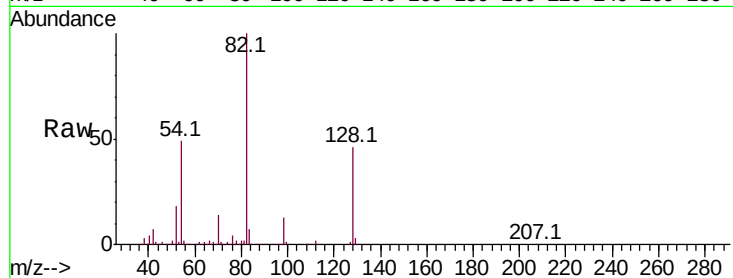
Tot Ion: 82 Resp: 1317483

Ion Ratio Lower Upper

82 100

128 46.1 36.3 54.5

54 49.4 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.37 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BM018722.D

Acq: 04 Feb 2019 17:12

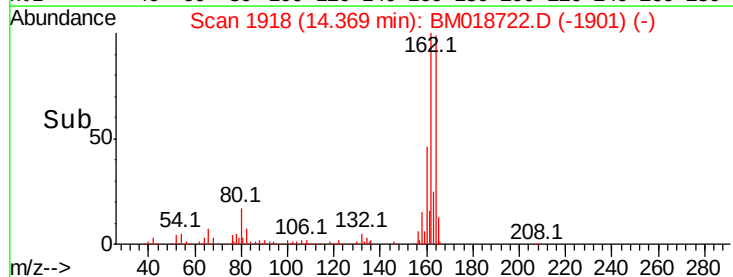
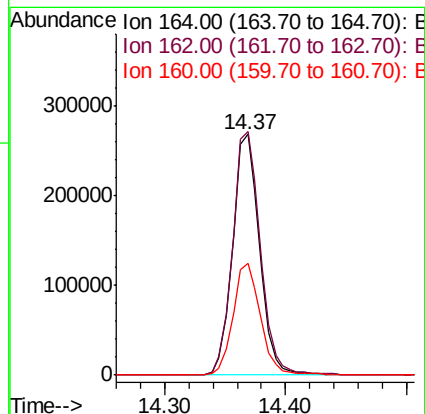
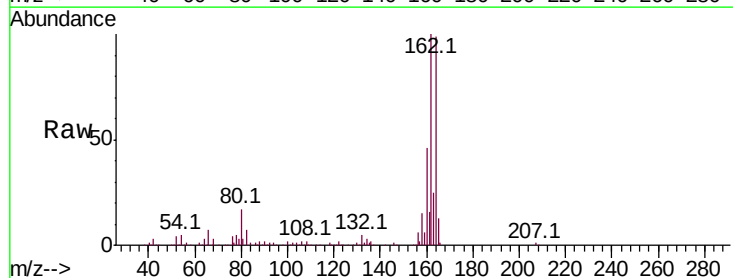
Tgt Ion: 164 Resp: 417641

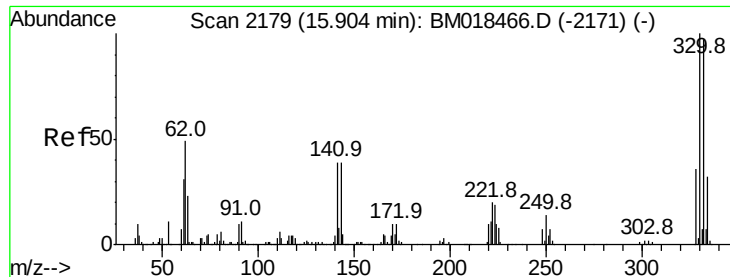
Ion Ratio Lower Upper

164 100

162 101.1 83.0 124.4

160 46.3 37.1 55.7

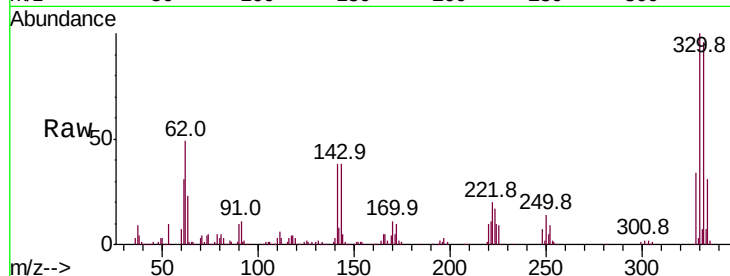




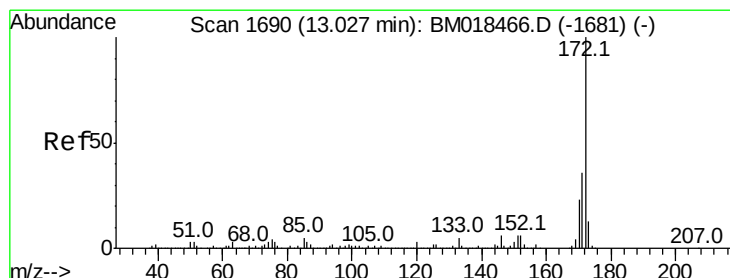
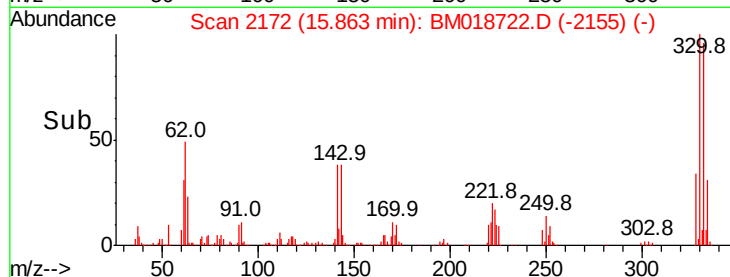
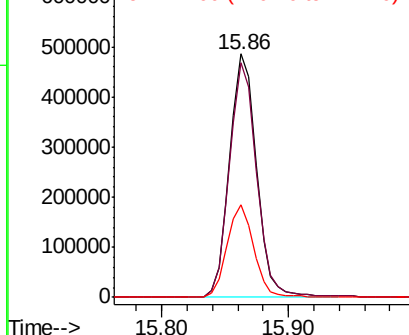
#42
 2,4,6-Tribromophenol
 Concen: 135.185 ng
 RT: 15.86 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: BM018722.D
 Acq: 04 Feb 2019 17:12

Instrument :
 BNA_M
 ClientSampleId :
 PB116792BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.6	116.4
141	37.6	31.7	47.5

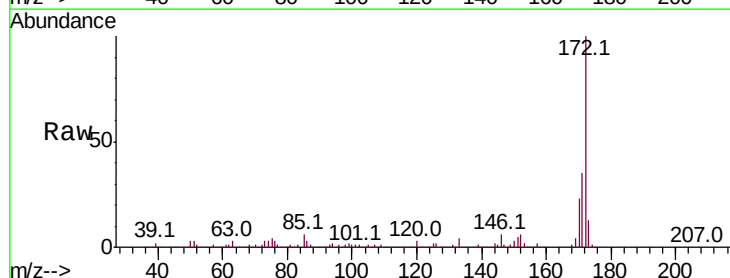


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

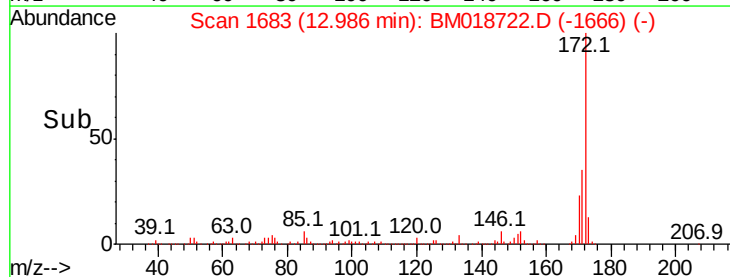
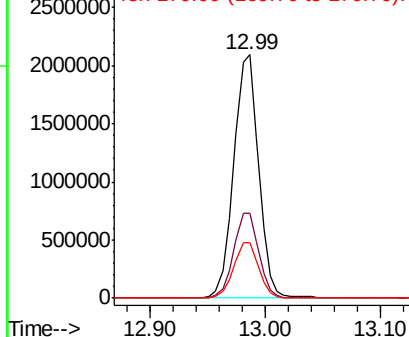


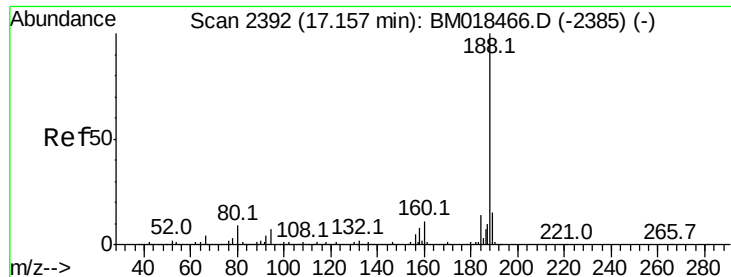
#45
 2-Fluorobiphenyl
 Concen: 97.804 ng
 RT: 12.99 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BM018722.D
 Acq: 04 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.4
170	23.0	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: 17.12 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BM018722.D

Acq: 04 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB116792BL

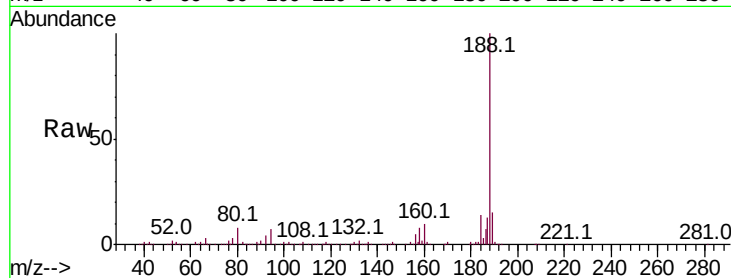
Tot Ion:188 Resp: 842169

Ion Ratio Lower Upper

188 100

94 7.4 7.1 10.7

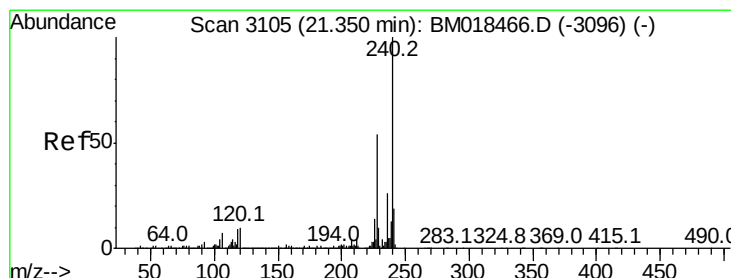
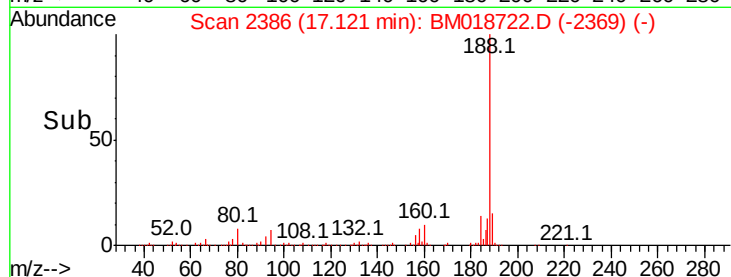
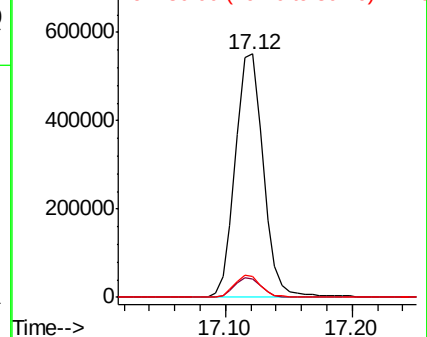
80 8.3 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM018722.D

Acq: 04 Feb 2019 17:12

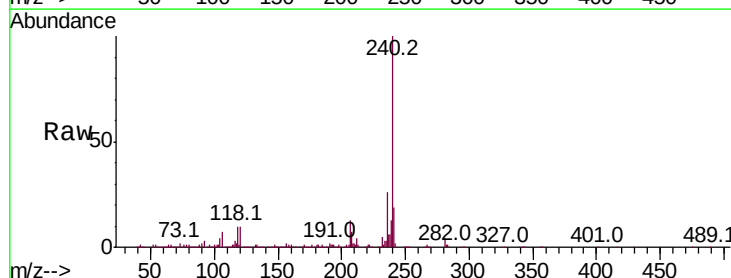
Tgt Ion:240 Resp: 777827

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

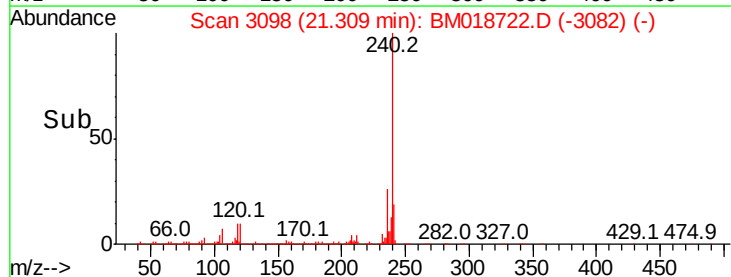
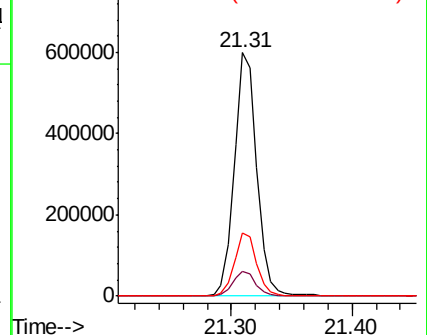
236 26.0 20.7 31.1

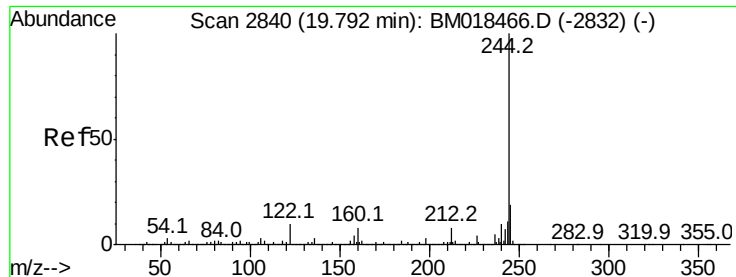


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 100.740 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BM018722.D

Acq: 04 Feb 2019 17:12

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BNA_M

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PB116792BL

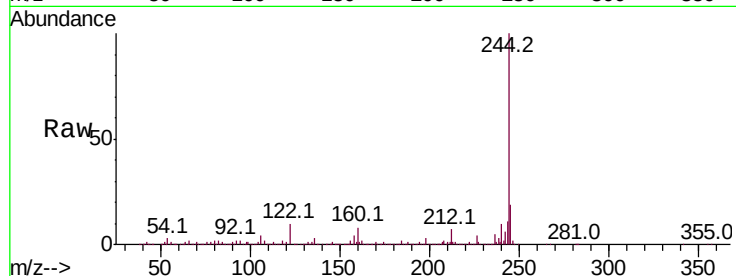
Tot Ion:244 Resp: 3717124

Ion Ratio Lower Upper

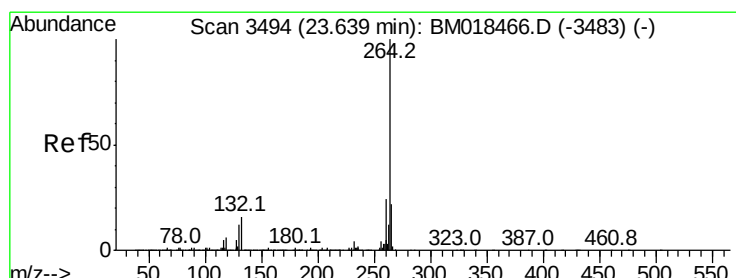
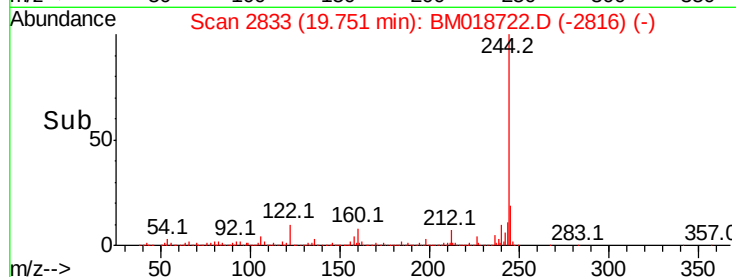
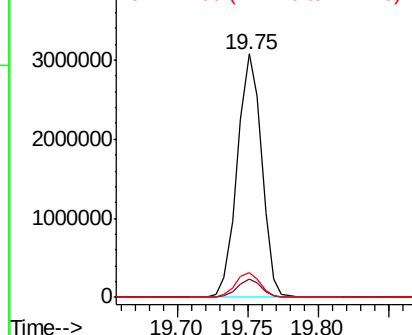
244 100

212 7.4 5.9 8.9

122 10.1 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: 23.57 min Scan# 3483

Delta R.T. 0.00 min

Lab File: BM018722.D

Acq: 04 Feb 2019 17:12

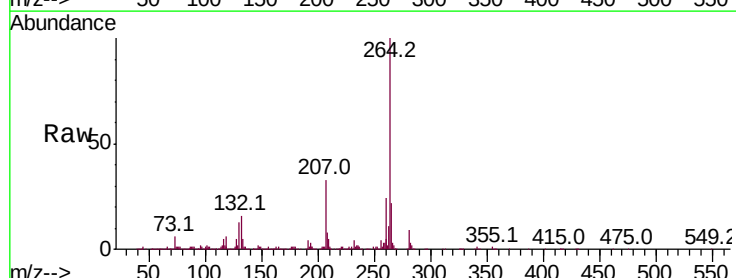
Tgt Ion:264 Resp: 812689

Ion Ratio Lower Upper

264 100

260 23.8 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

