

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022119\
 Data File : BM018907.D
 Acq On : 21 Feb 2019 21:56
 Operator : JU/SJ
 Sample : K1546-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT-1495

Quant Time: Feb 22 04:24:37 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	281084	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	1142691	20.00	ng	-0.02
39) Acenaphthene-d10	14.34	164	645392	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1479053	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1397518	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1244334	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2255244	131.46	ng	-0.01
7) Phenol-d6	6.87	99	2575928	106.59	ng	-0.01
23) Nitrobenzene-d5	8.86	82	2447406	99.03	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	1393021	149.74	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	4651198	95.67	ng	-0.02
79) Terphenyl-d14	19.73	244	8019499	118.38	ng	-0.01

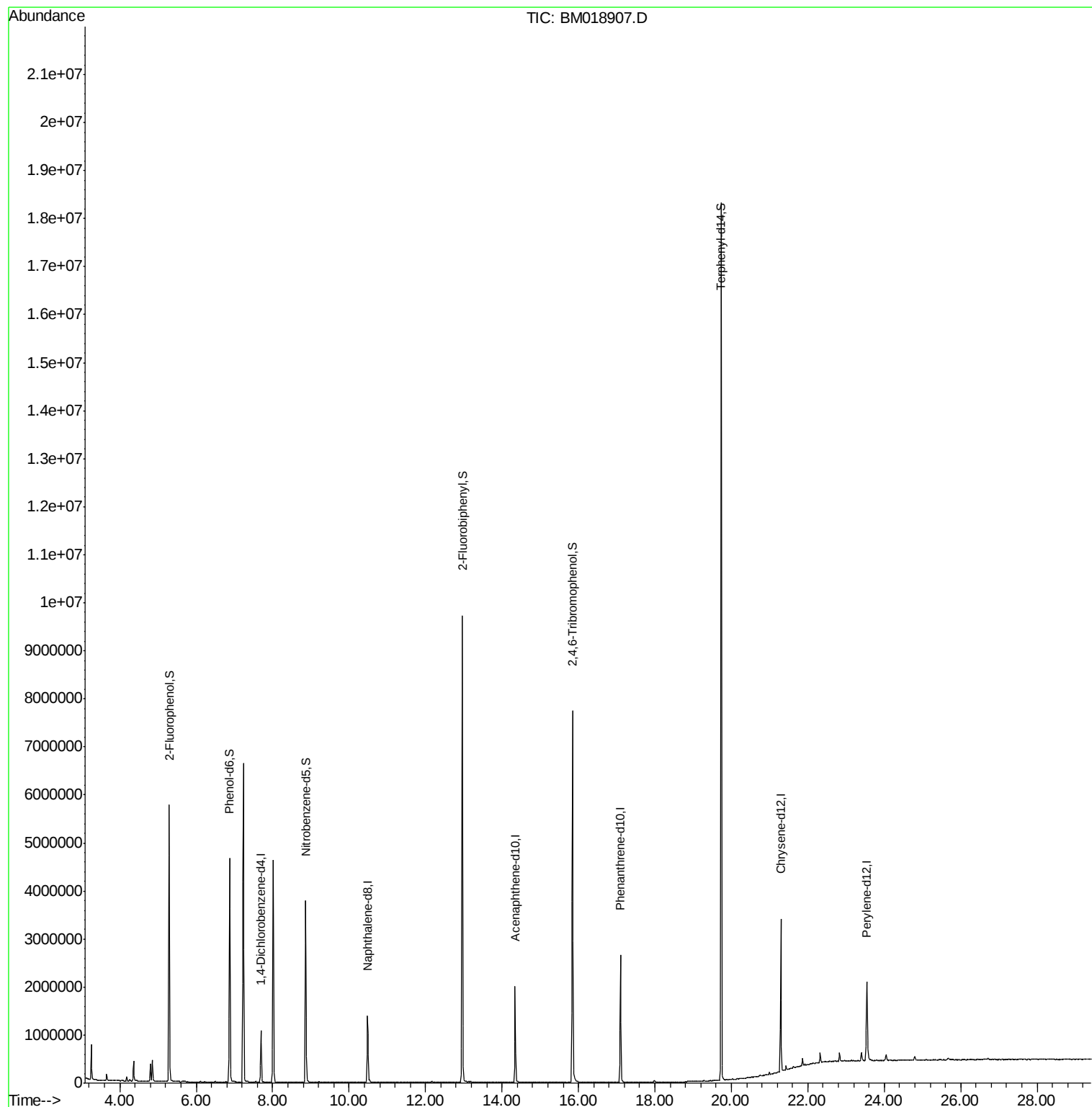
Target Compounds Qvalue

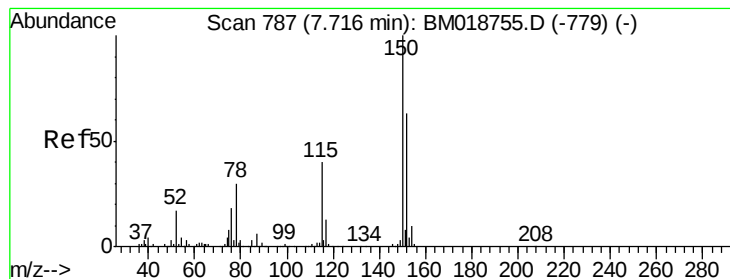
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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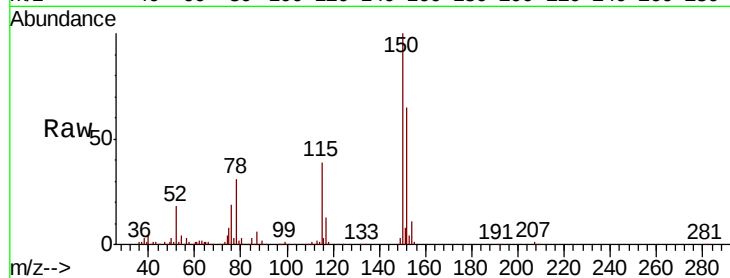


#1

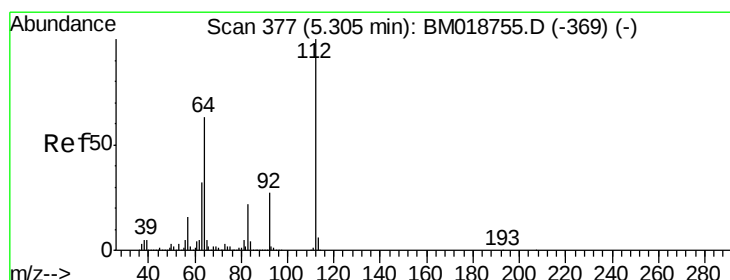
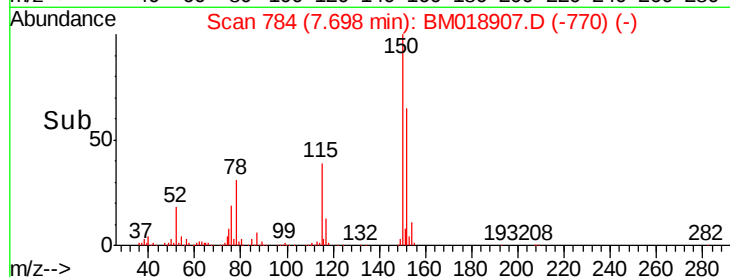
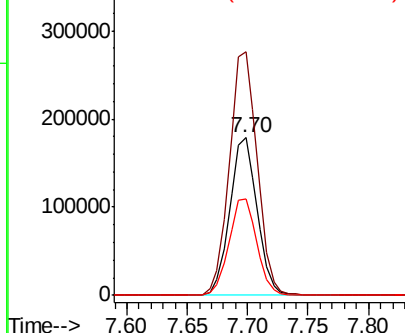
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BM018907.D
Acq: 21 Feb 2019 21:56

Instrument :
BNA_M
ClientSampleId :
RT-1495

Tot Ion:152 Resp: 281084
Ion Ratio Lower Upper
152 100
150 154.8 127.3 190.9
115 61.0 50.8 76.2



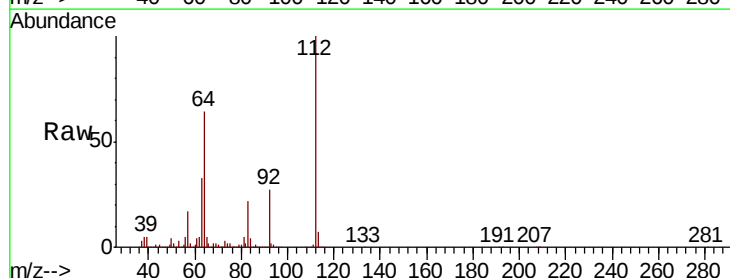
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



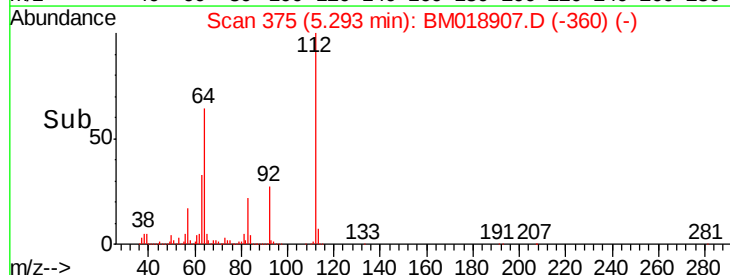
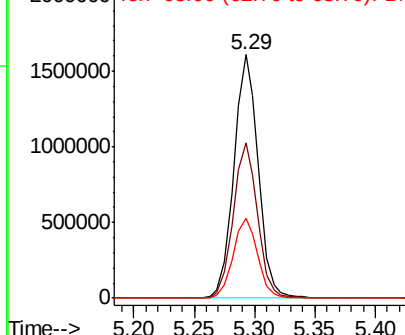
#5

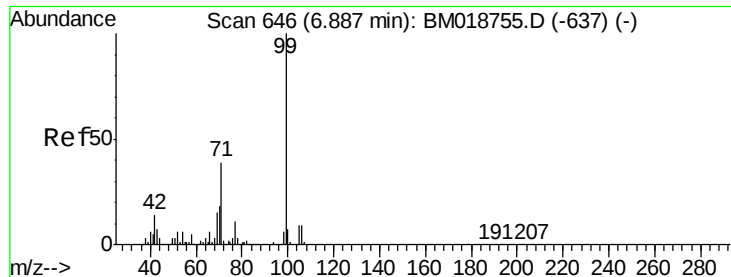
2-Fluorophenol
Concen: 131.461 ng
RT: 5.29 min Scan# 375
Delta R.T. -0.01 min
Lab File: BM018907.D
Acq: 21 Feb 2019 21:56

Tgt Ion:112 Resp: 2255244
Ion Ratio Lower Upper
112 100
64 63.9 50.6 75.8
63 33.0 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: 106.586 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018907.D

Acq: 21 Feb 2019 21:56

Instrument :

BNA_M

ClientSampleId :

RT-1495

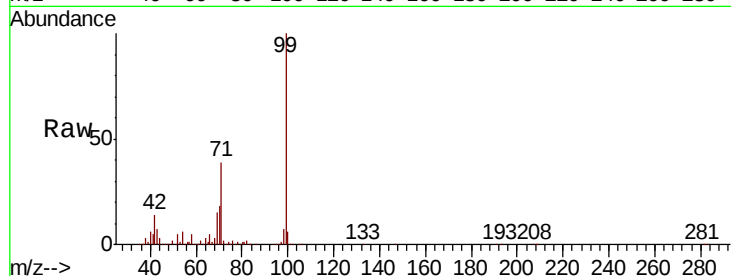
Tot Ion: 99 Resp: 2575928

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

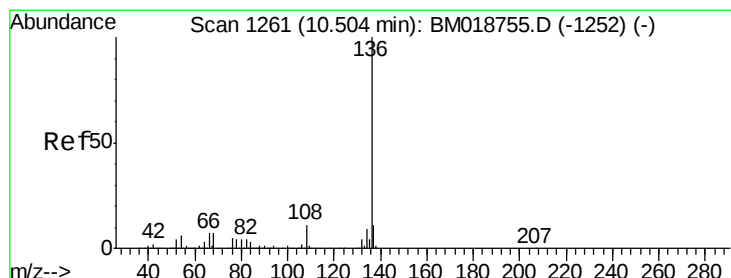
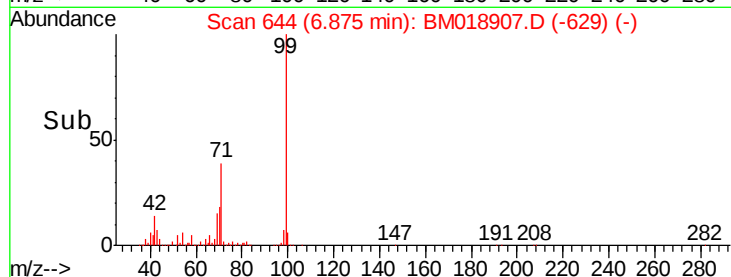
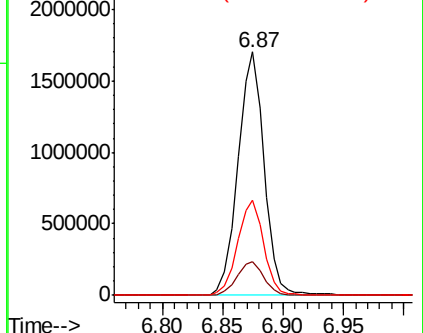
71 39.0 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BM018907.D

Acq: 21 Feb 2019 21:56

Tgt Ion: 136 Resp: 1142691

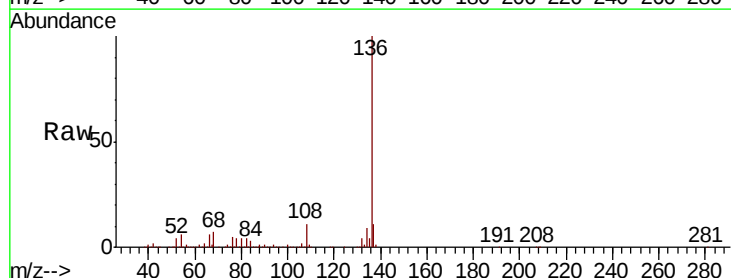
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.5 5.0 7.6

68 6.8 5.5 8.3

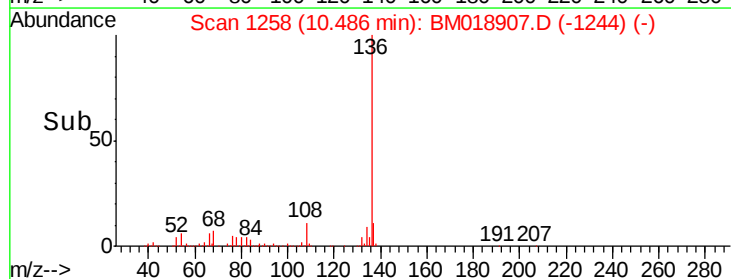
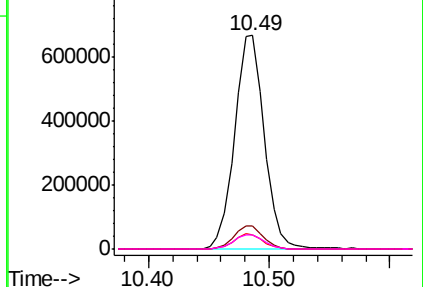


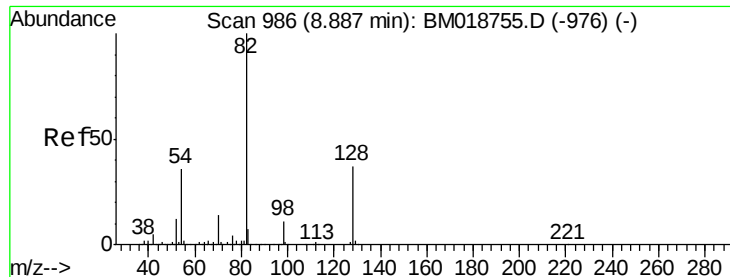
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

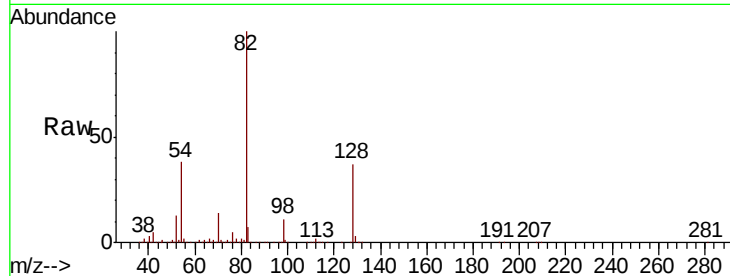




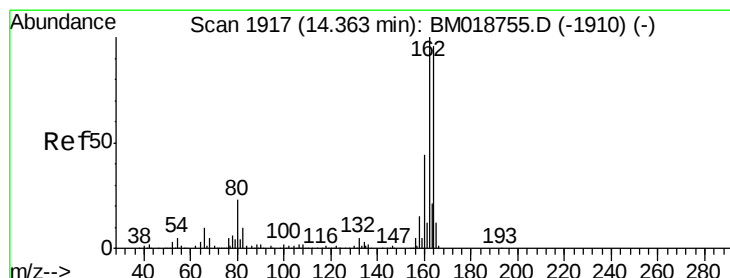
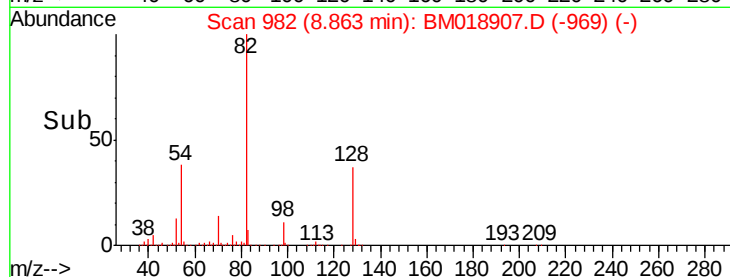
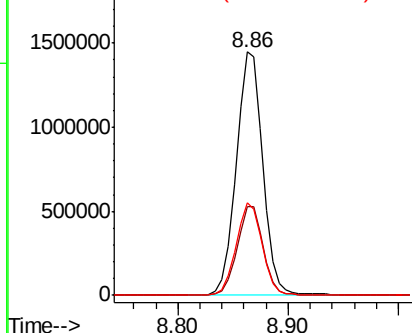
#23
Nitrobenzene-d5
Concen: 99.033 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BM018907.D
Acq: 21 Feb 2019 21:56

Instrument :
BNA_M
ClientSampleId :
RT-1495

Tot Ion: 82 Resp: 2447406
Ion Ratio Lower Upper
82 100
128 36.7 29.9 44.9
54 37.8 29.1 43.7

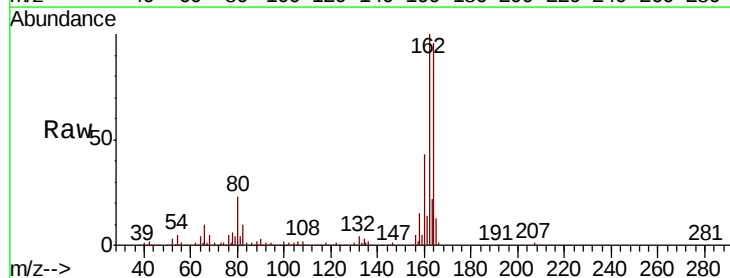


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

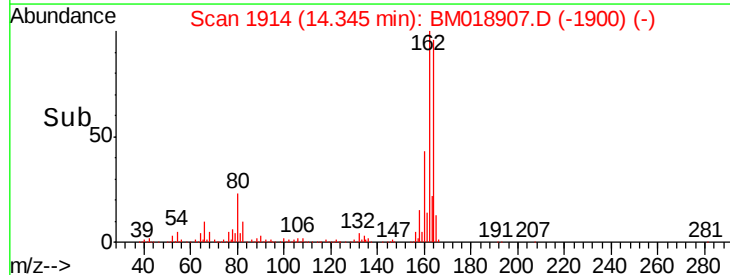
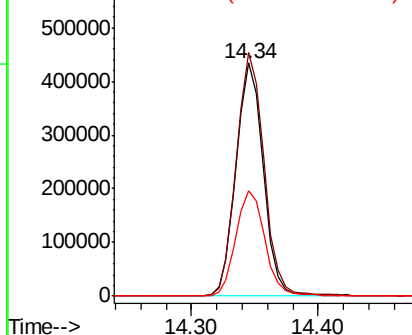


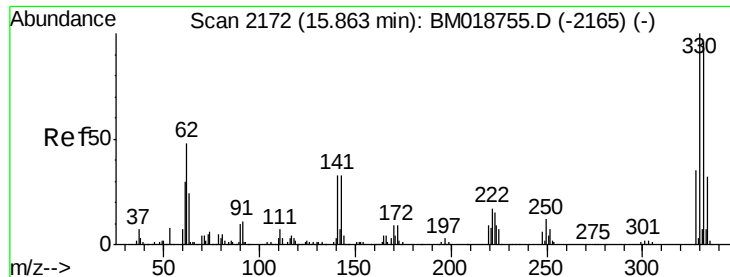
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018907.D
Acq: 21 Feb 2019 21:56

Tgt Ion:164 Resp: 645392
Ion Ratio Lower Upper
164 100
162 104.6 83.4 125.0
160 45.4 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) (-)





#42

2,4,6-Tribromophenol

Concen: 149.737 ng

RT: 15.84 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BM018907.D

Acq: 21 Feb 2019 21:56

Instrument :

BNA_M

ClientSampleId :

RT-1495

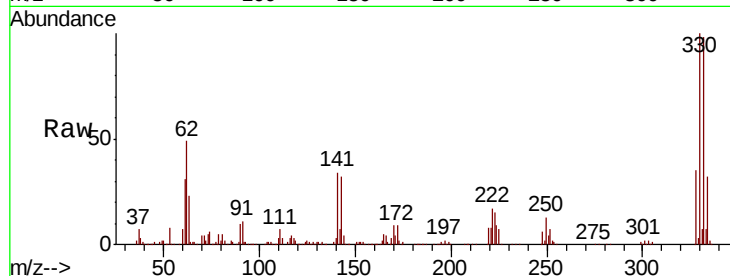
Tot Ion:330 Resp: 1393021

Ion Ratio Lower Upper

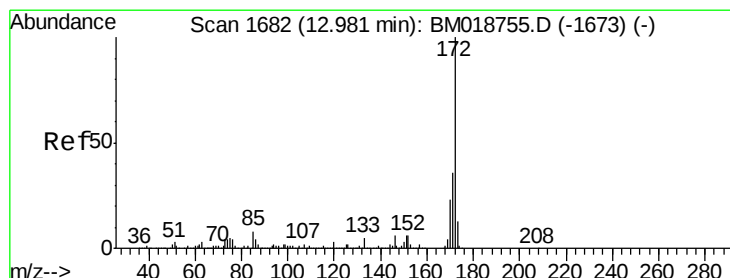
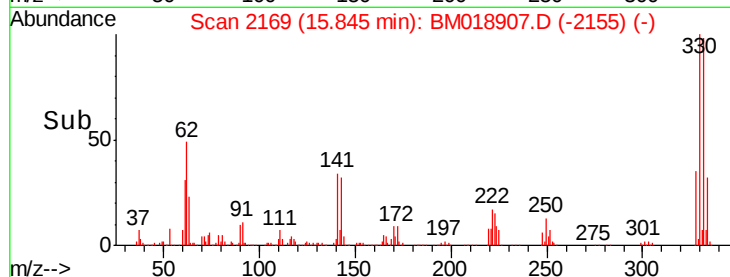
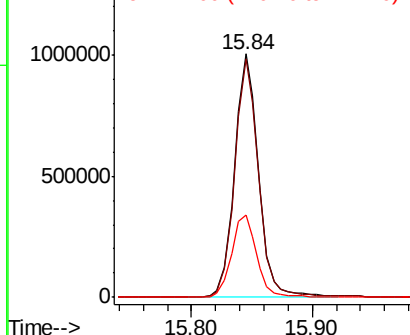
330 100

332 97.2 76.9 115.3

141 35.6 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: 95.668 ng

RT: 12.96 min Scan# 1679

Delta R.T. -0.02 min

Lab File: BM018907.D

Acq: 21 Feb 2019 21:56

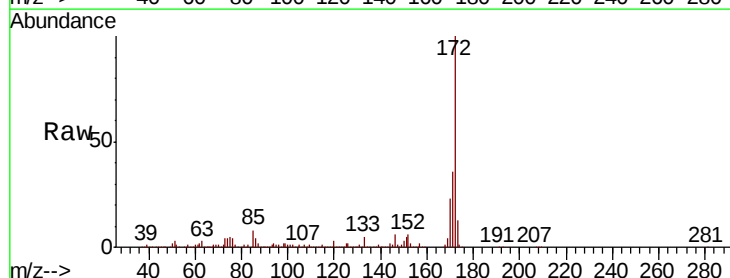
Tgt Ion:172 Resp: 4651198

Ion Ratio Lower Upper

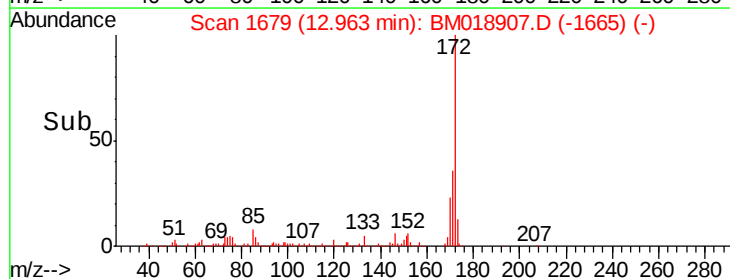
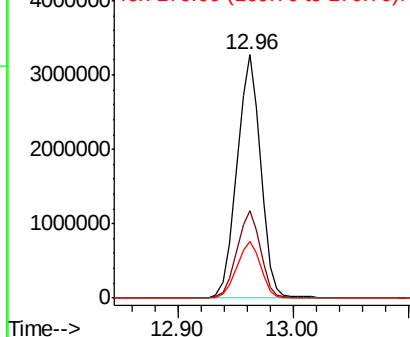
172 100

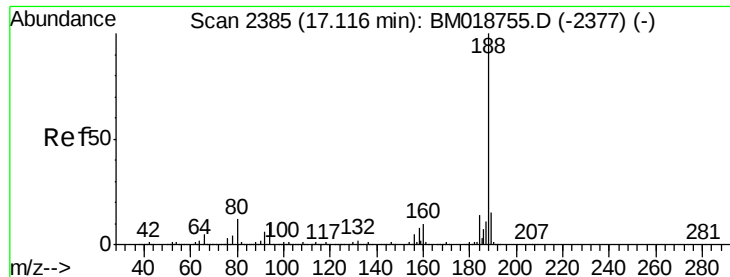
171 35.8 29.0 43.6

170 23.3 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

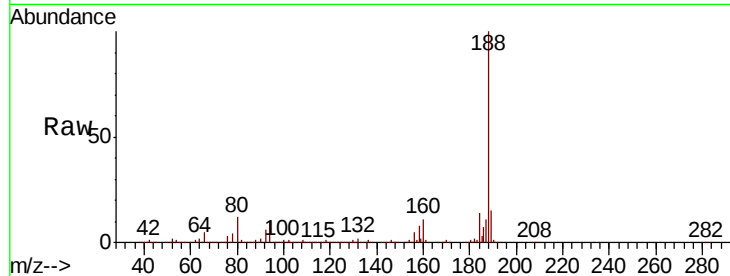




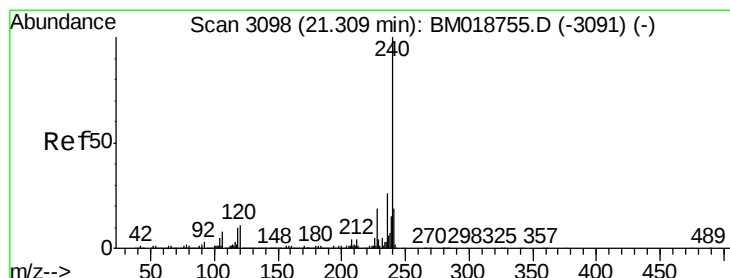
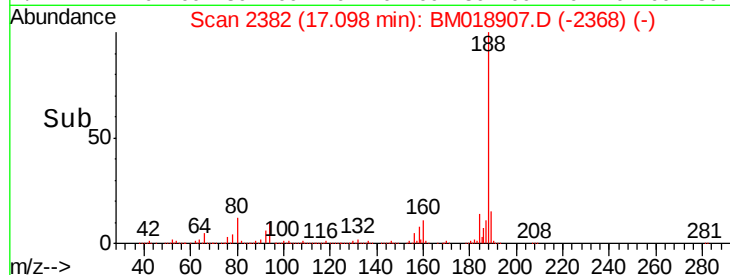
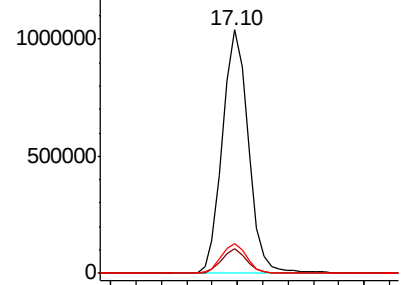
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM018907.D
Acq: 21 Feb 2019 21:56

Instrument :
BNA_M
ClientSampleId :
RT-1495

Tot Ion:188 Resp: 1479053
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 12.3 9.7 14.5

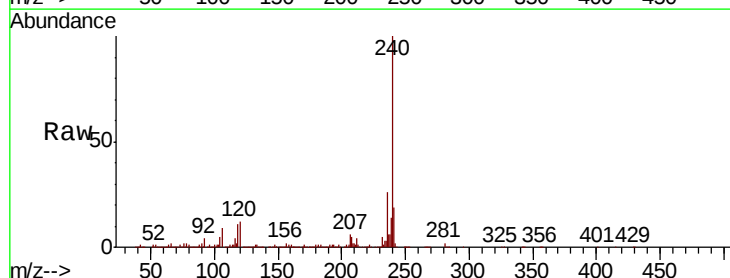


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

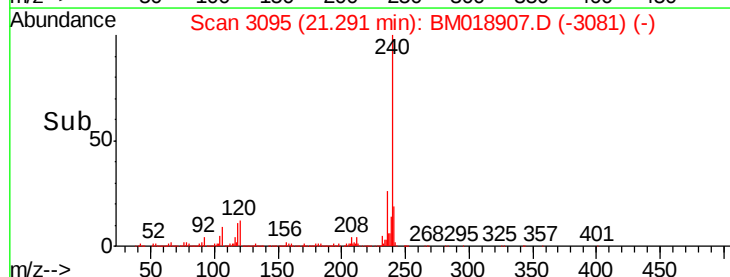
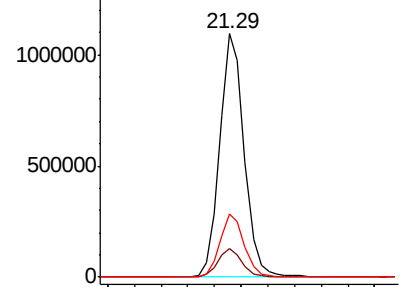


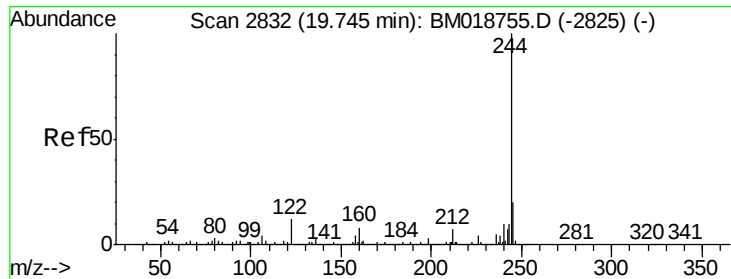
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018907.D
Acq: 21 Feb 2019 21:56

Tgt Ion:240 Resp: 1397518
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 26.1 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: 118.377 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM018907.D

Acq: 21 Feb 2019 21:56

Instrument :

BNA_M

ClientSampleId :

RT-1495

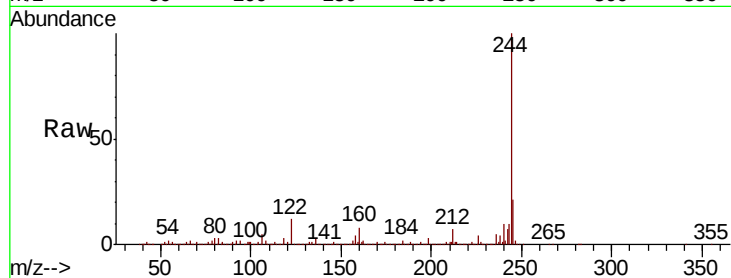
Tot Ion:244 Resp: 8019499

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

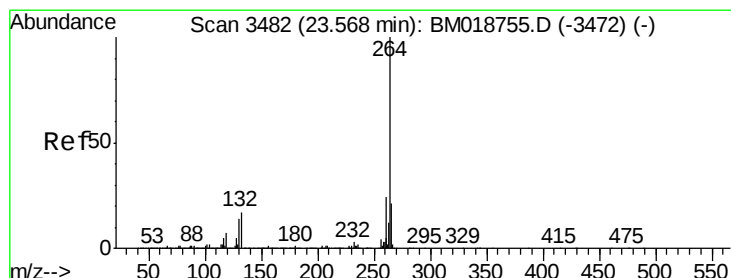
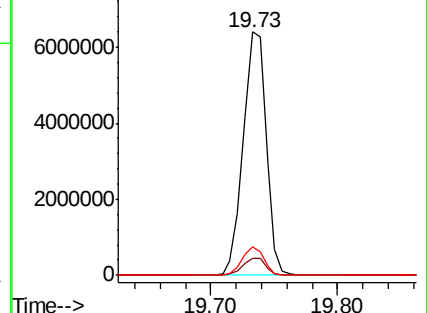
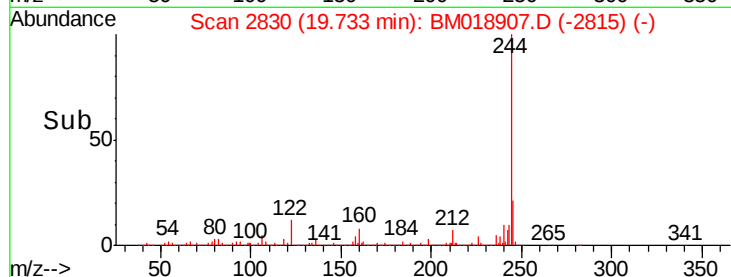
122 11.9 9.3 13.9



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: 23.54 min Scan# 3478

Delta R.T. -0.02 min

Lab File: BM018907.D

Acq: 21 Feb 2019 21:56

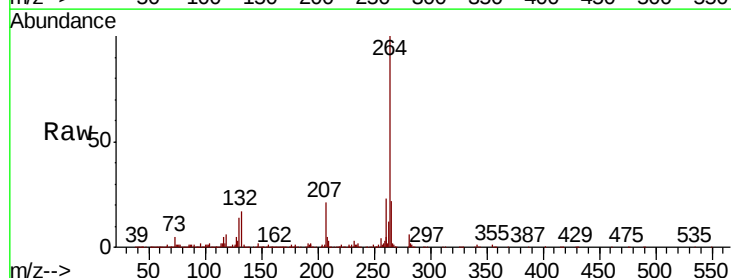
Tgt Ion:264 Resp: 1244334

Ion Ratio Lower Upper

264 100

260 23.2 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

