

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022719\
 Data File : BM018963.D
 Acq On : 27 Feb 2019 23:27
 Operator : JU/SJ
 Sample : K1633-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SR-11-D

Quant Time: Feb 28 04:22:14 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	7.69	152	220917	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	936462	20.00	ng	-0.02
39) Acenaphthene-d10	14.34	164	573702	20.00	ng	-0.02
64) Phenanthrene-d10	17.09	188	1330751	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1304048	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1099373	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2004007	148.63	ng	-0.02
7) Phenol-d6	6.87	99	2620850	137.98	ng	-0.02
23) Nitrobenzene-d5	8.86	82	2072931	102.35	ng	-0.03
42) 2,4,6-Tribromophenol	15.85	330	1307811	158.14	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	4335384	100.32	ng	-0.02
79) Terphenyl-d14	19.73	244	7323885	115.86	ng	-0.01

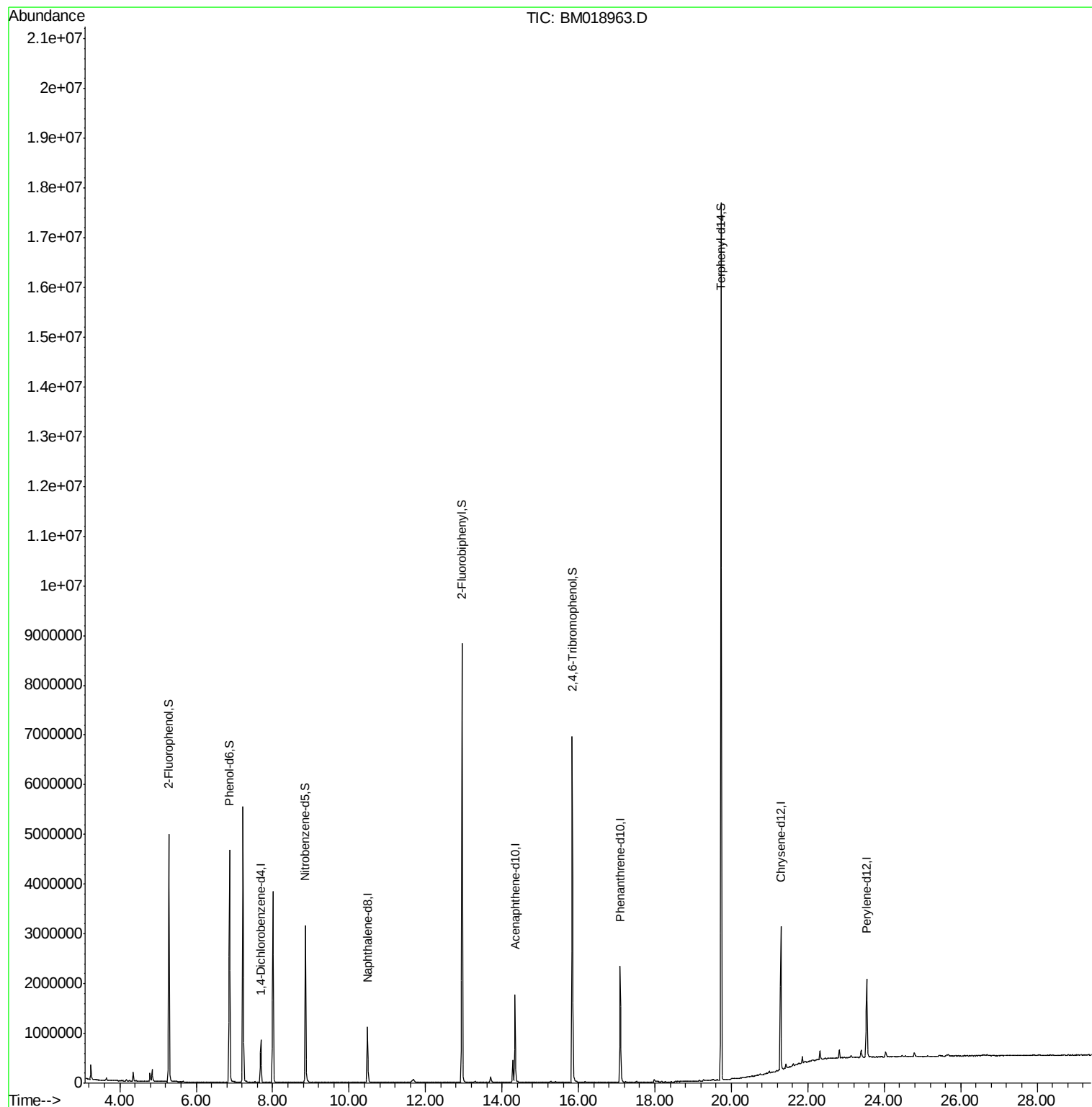
Target Compounds Qvalue

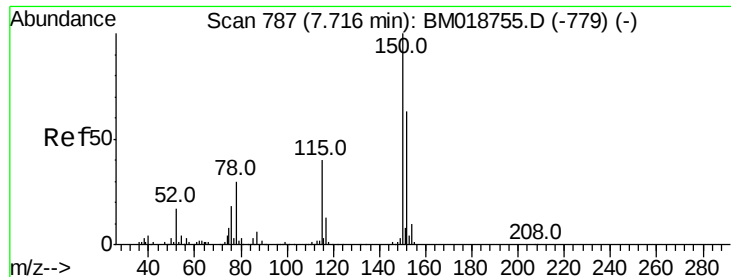
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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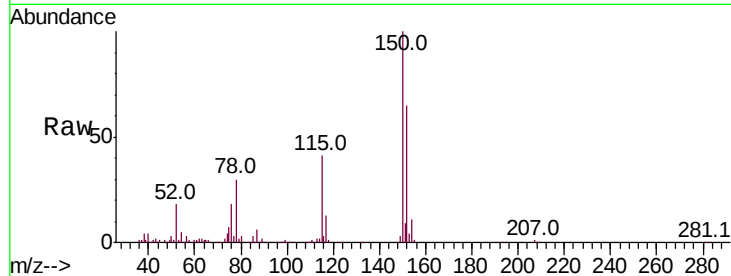


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018963.D
Acq: 27 Feb 2019 23:27

Instrument :
BNA_M
ClientSampleId :
SR-11-D

Tot Ion	152	Resp	220917
Ion	Ratio	Lower	Upper
152	100		
150	154.3	127.3	190.9
115	62.6	50.8	76.2

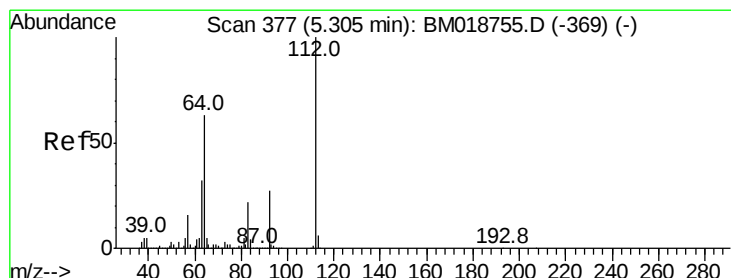
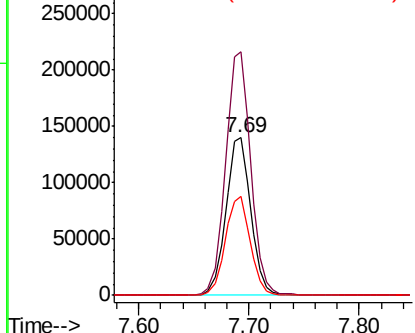
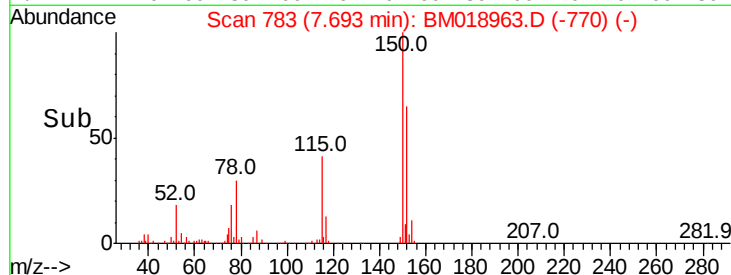


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

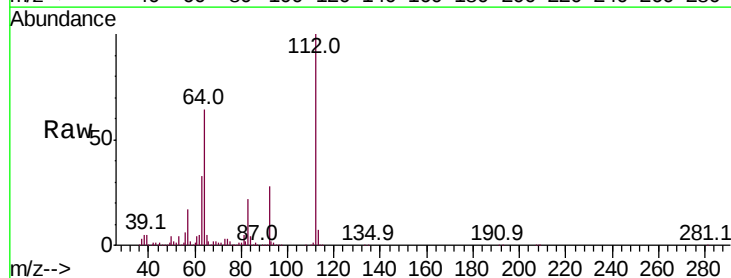
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 148.631 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018963.D
Acq: 27 Feb 2019 23:27

Tgt Ion	112	Resp	2004007
Ion	Ratio	Lower	Upper
112	100		
64	63.8	50.6	75.8
63	33.2	25.7	38.5

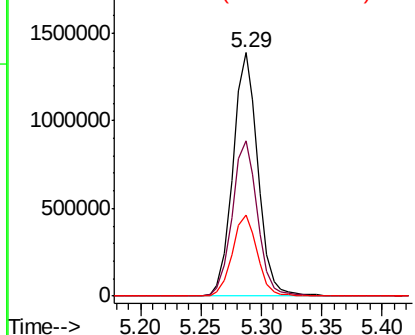
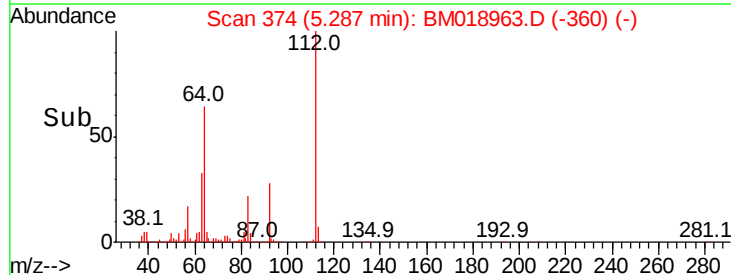


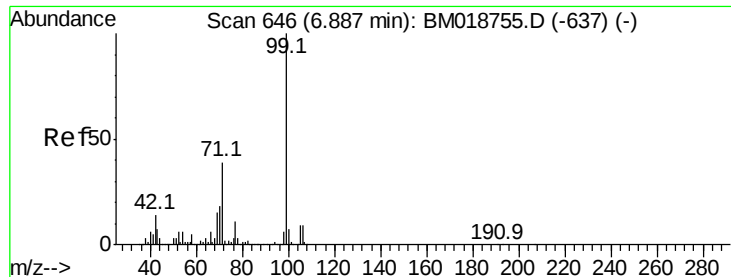
Abundance

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: 137.980 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM018963.D

Acq: 27 Feb 2019 23:27

Instrument :

BNA_M

ClientSampleId :

SR-11-D

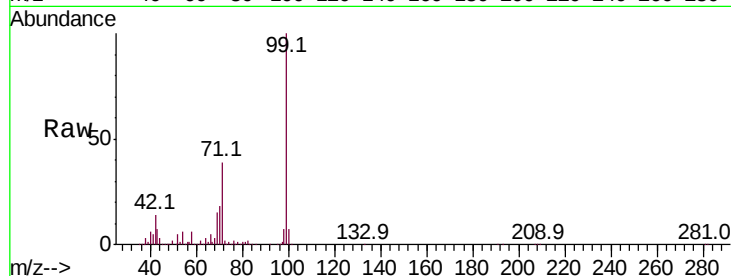
Tot Ion: 99 Resp: 2620850

Ion Ratio Lower Upper

99 100

42 14.3 11.0 16.6

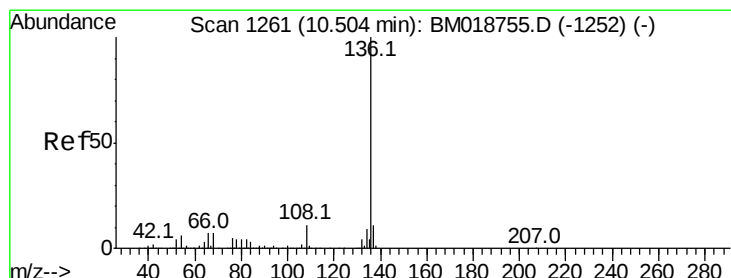
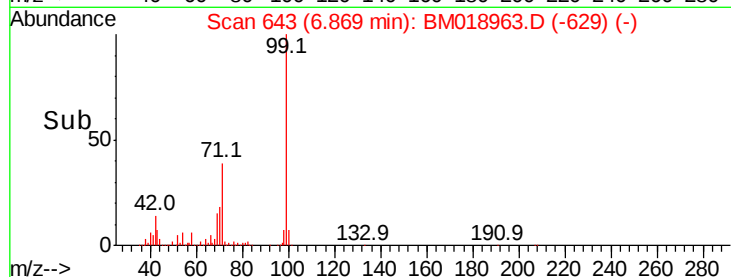
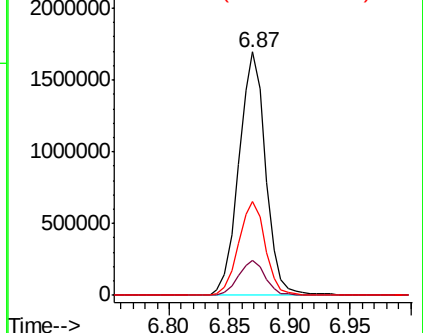
71 38.7 31.3 46.9



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: 10.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BM018963.D

Acq: 27 Feb 2019 23:27

Tgt Ion: 136 Resp: 936462

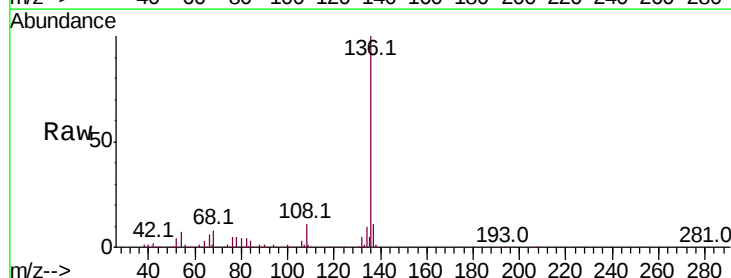
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 6.8 5.0 7.6

68 7.6 5.5 8.3

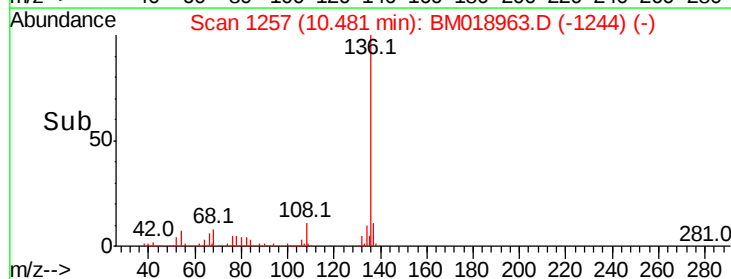
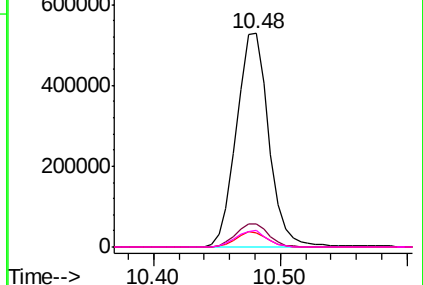


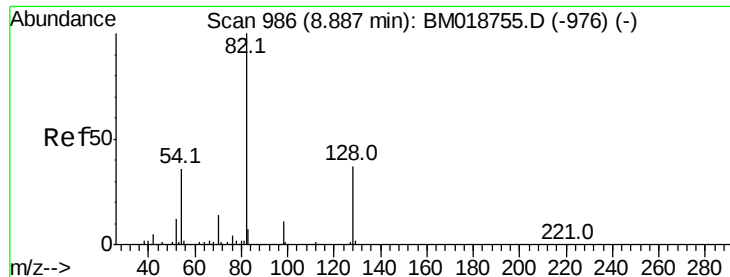
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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: 102.353 ng

RT: 8.86 min Scan# 981

Delta R.T. -0.03 min

Lab File: BM018963.D

Acq: 27 Feb 2019 23:27

Instrument :

BNA_M

ClientSampleId :

SR-11-D

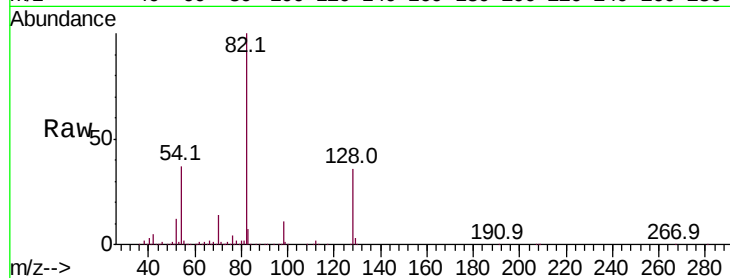
Tot Ion: 82 Resp: 2072931

Ion Ratio Lower Upper

82 100

128 36.3 29.9 44.9

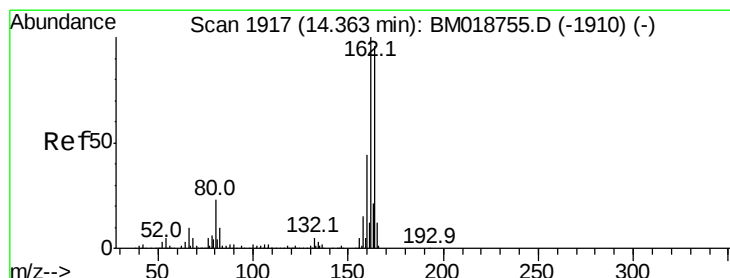
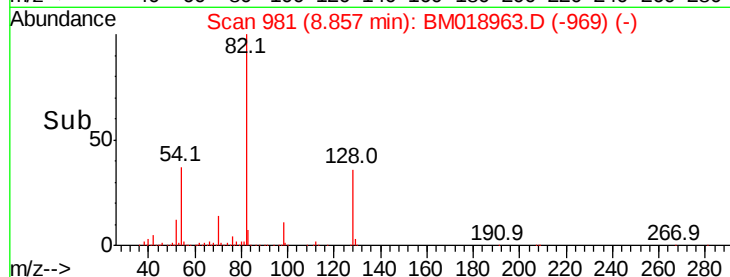
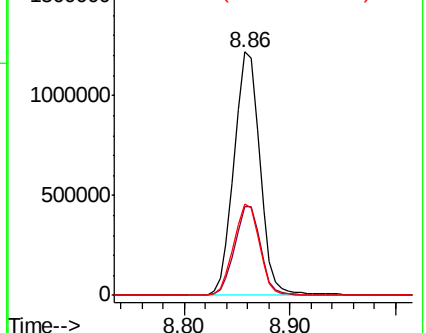
54 37.3 29.1 43.7



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# 1913

Delta R.T. -0.02 min

Lab File: BM018963.D

Acq: 27 Feb 2019 23:27

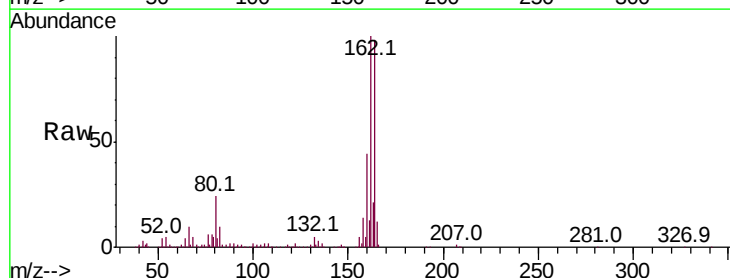
Tgt Ion:164 Resp: 573702

Ion Ratio Lower Upper

164 100

162 101.9 83.4 125.0

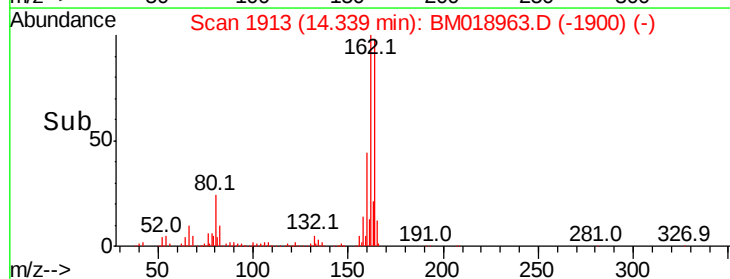
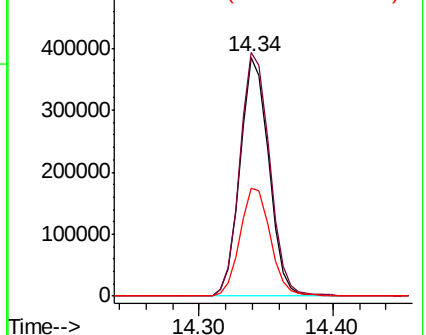
160 45.2 36.6 55.0

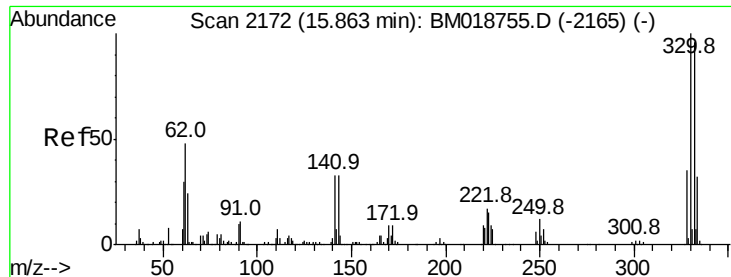


Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)

Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)

Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)

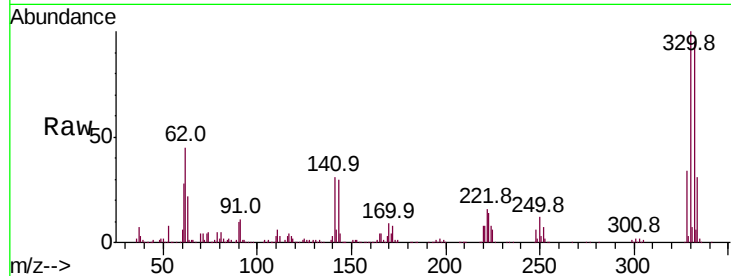




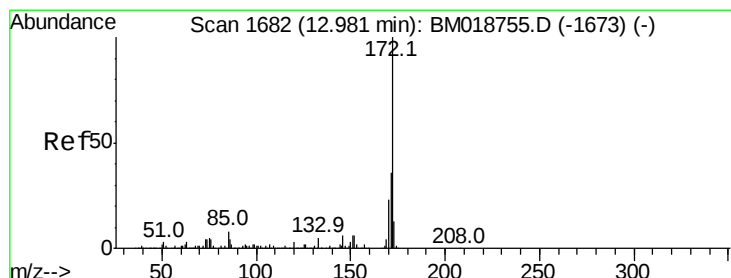
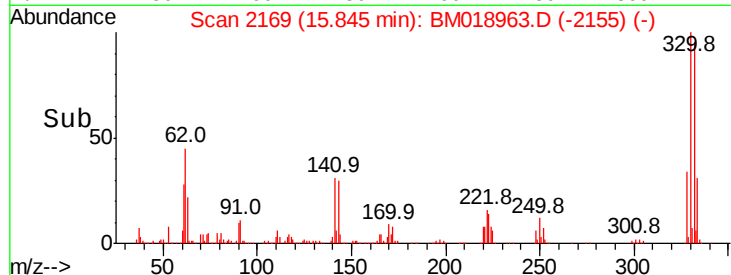
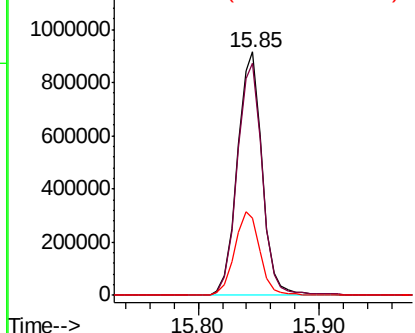
#42
 2,4,6-Tribromophenol
 Concen: 158.144 ng
 RT: 15.85 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BM018963.D
 Acq: 27 Feb 2019 23:27

Instrument :
 BNA_M
 ClientSampleId :
 SR-11-D

Tot Ion:330 Resp: 1307811
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.9 115.3
 141 35.1 28.7 43.1

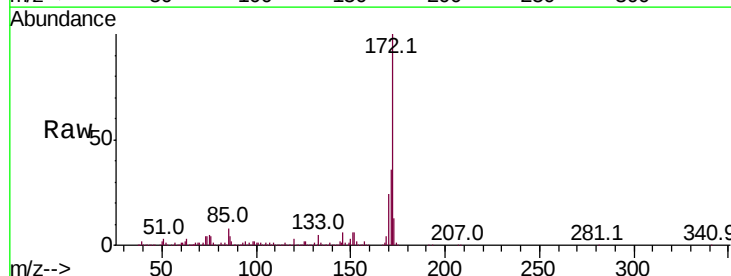


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

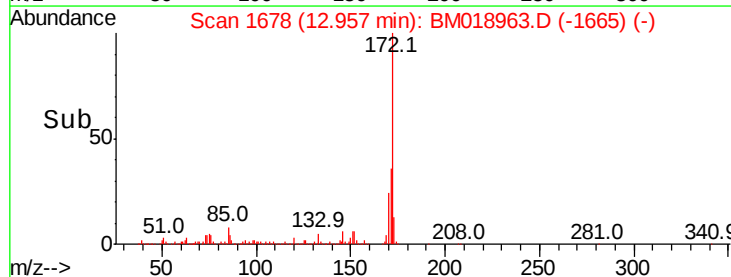
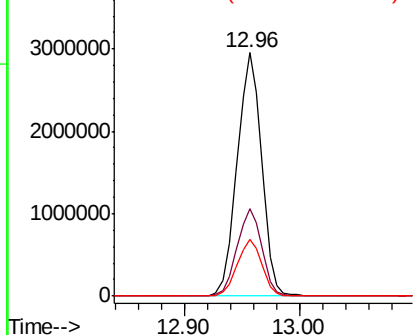


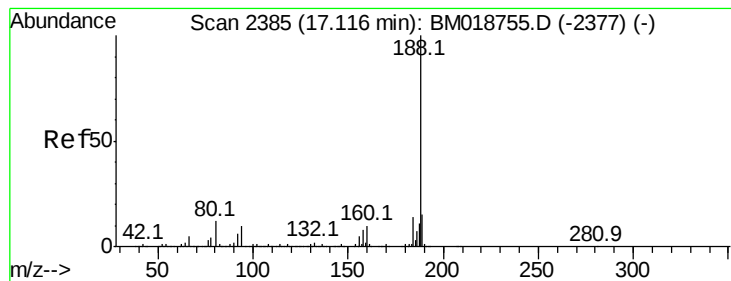
#45
 2-Fluorobiphenyl
 Concen: 100.315 ng
 RT: 12.96 min Scan# 1678
 Delta R.T. -0.02 min
 Lab File: BM018963.D
 Acq: 27 Feb 2019 23:27

Tgt Ion:172 Resp: 4335384
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 23.5 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: 17.09 min Scan# 2381

Delta R.T. -0.02 min

Lab File: BM018963.D

Acq: 27 Feb 2019 23:27

Instrument :

BNA_M

ClientSampleId :

SR-11-D

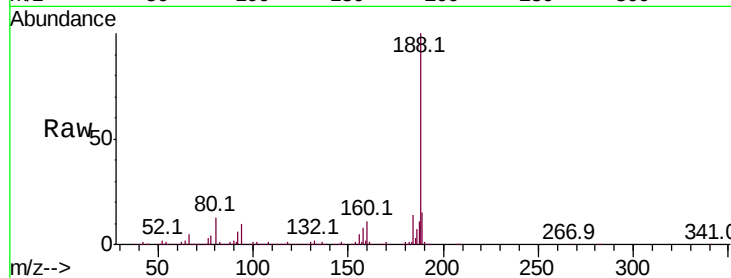
Tot Ion:188 Resp: 1330751

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

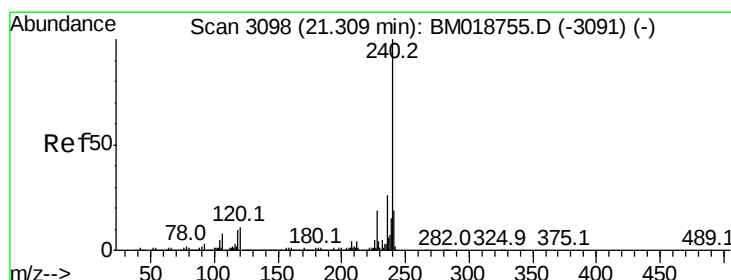
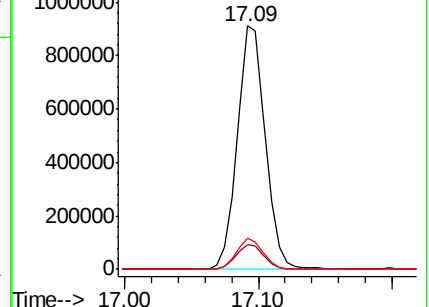
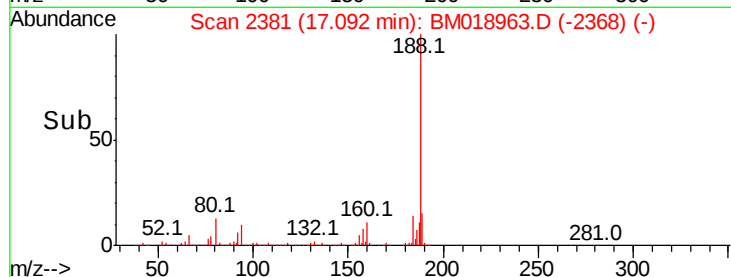
80 12.7 9.7 14.5



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: BM018963.D

Acq: 27 Feb 2019 23:27

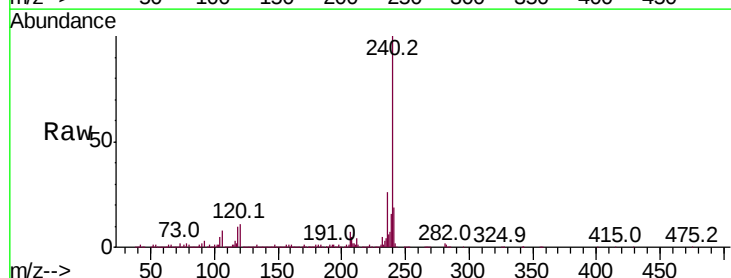
Tgt Ion:240 Resp: 1304048

Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

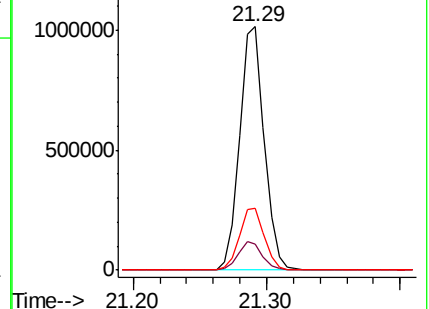
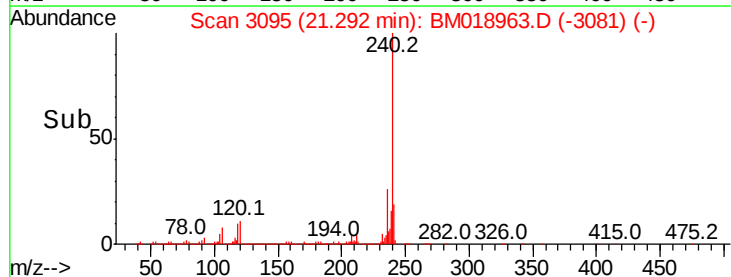
236 25.6 20.9 31.3

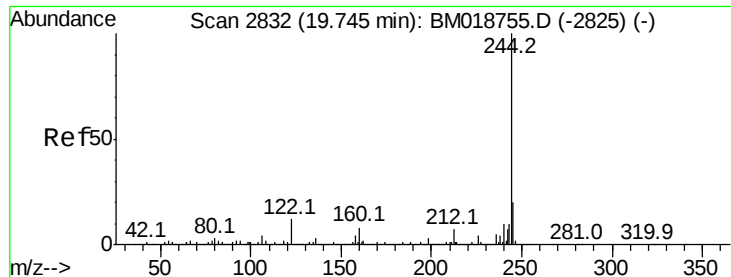


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

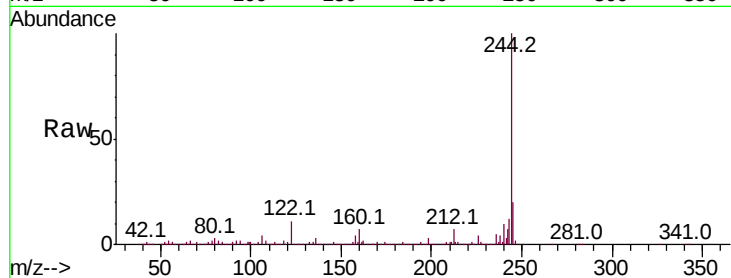




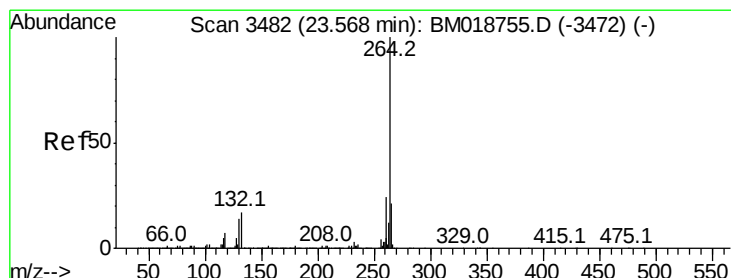
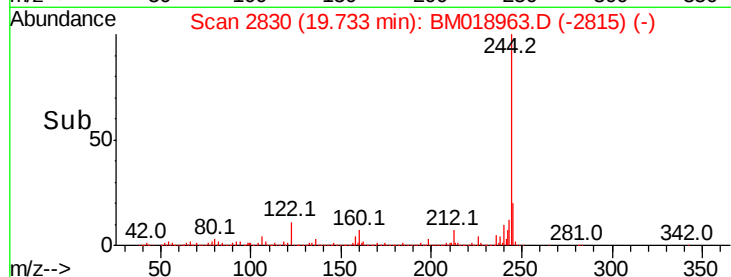
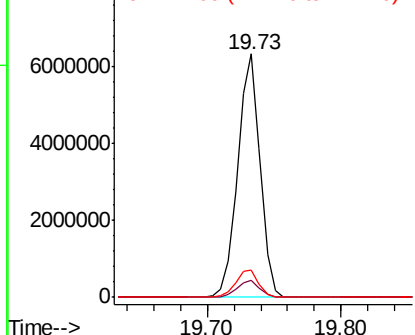
#79
 Terphenyl-d14
 Concen: 115.858 ng
 RT: 19.73 min Scan# 2830
 Delta R.T. -0.01 min
 Lab File: BM018963.D
 Acq: 27 Feb 2019 23:27

Instrument :
 BNA_M
 ClientSampleId :
 SR-11-D

Tot Ion:244 Resp: 7323885
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.3 9.3 13.9

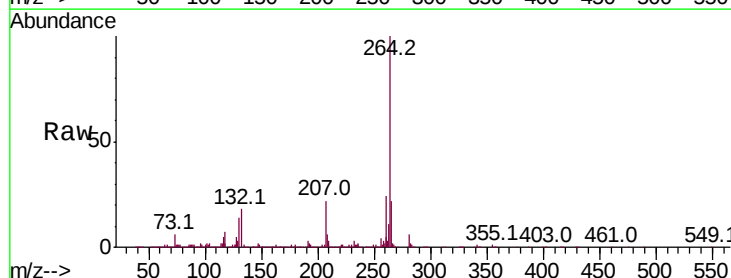


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.54 min Scan# 3477
 Delta R.T. -0.03 min
 Lab File: BM018963.D
 Acq: 27 Feb 2019 23:27

Tgt Ion:264 Resp: 1099373
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 21.9 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

