

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022819\
 Data File : BM018983.D
 Acq On : 28 Feb 2019 23:26
 Operator : JU/SJ
 Sample : K1645-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SR-10

Quant Time: Mar 01 01:57:10 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	204389	20.00	ng	-0.03
21) Naphthalene-d8	10.47	136	869418	20.00	ng	-0.03
39) Acenaphthene-d10	14.33	164	520505	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1216468	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1213599	20.00	ng	-0.02
87) Perylene-d12	23.53	264	1075170	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1834576	147.07	ng	-0.02
7) Phenol-d6	6.86	99	2390772	136.05	ng	-0.02
23) Nitrobenzene-d5	8.86	82	1952052	103.82	ng	-0.03
42) 2,4,6-Tribromophenol	15.83	330	1256125	167.42	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	3877158	98.88	ng	-0.03
79) Terphenyl-d14	19.73	244	7216373	122.67	ng	-0.02

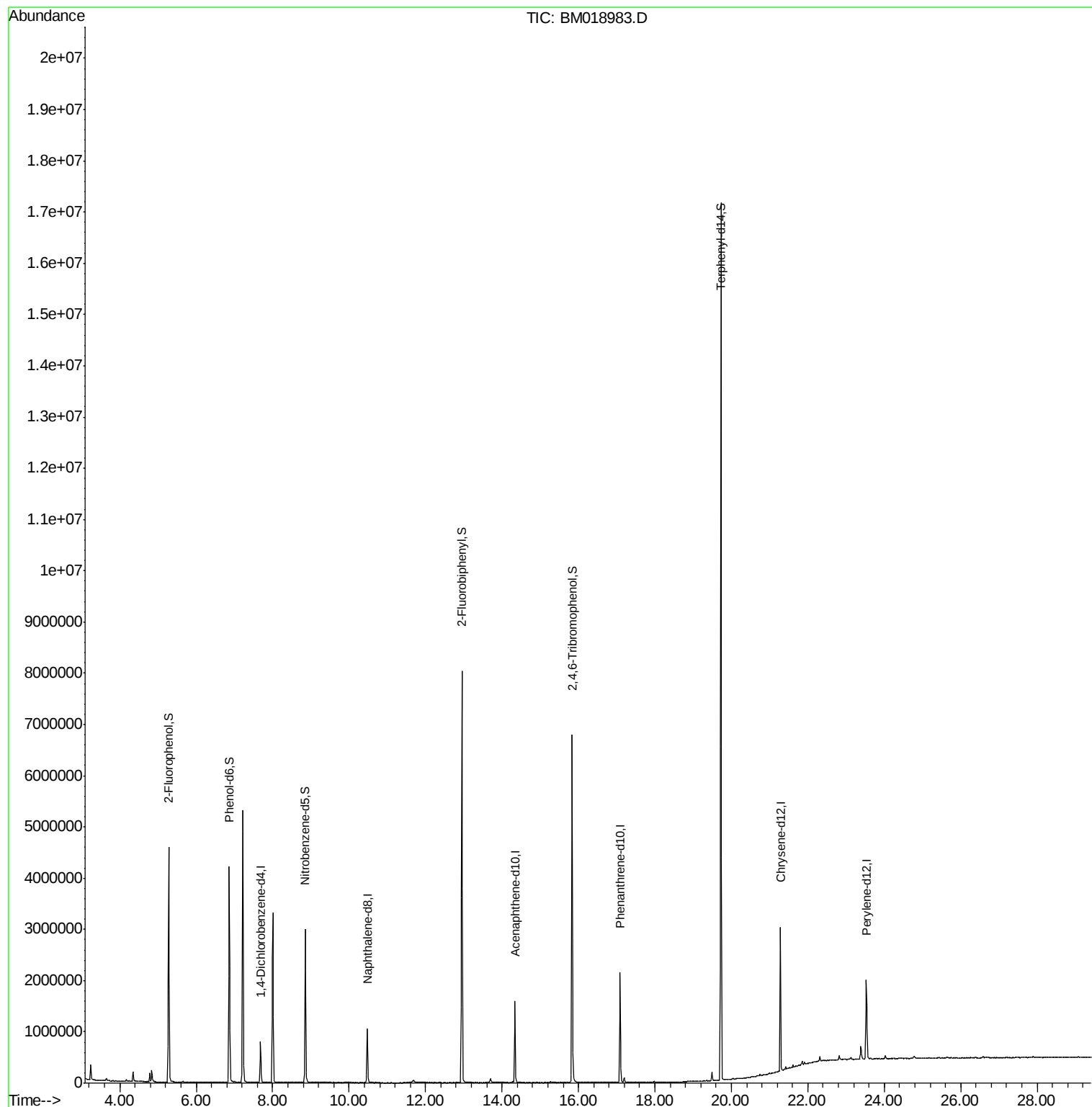
Target Compounds Qvalue

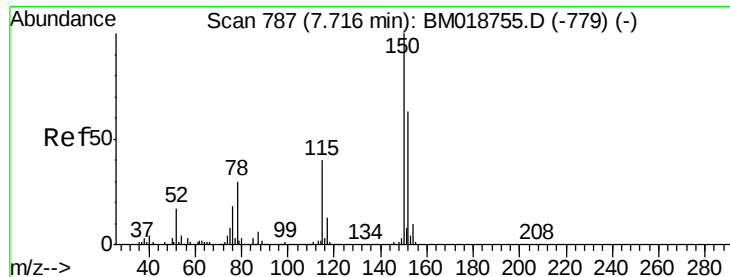
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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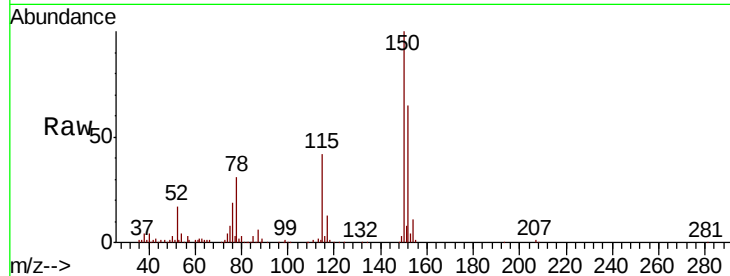


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 782
Delta R.T. -0.03 min
Lab File: BM018983.D
Acq: 28 Feb 2019 23:26

Instrument :
BNA_M
ClientSampleId :
SR-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	127.3	190.9
115	64.5	50.8	76.2

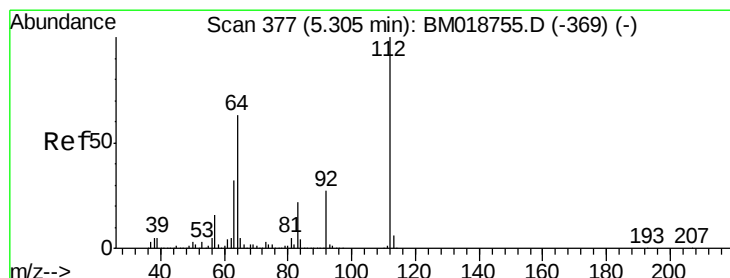
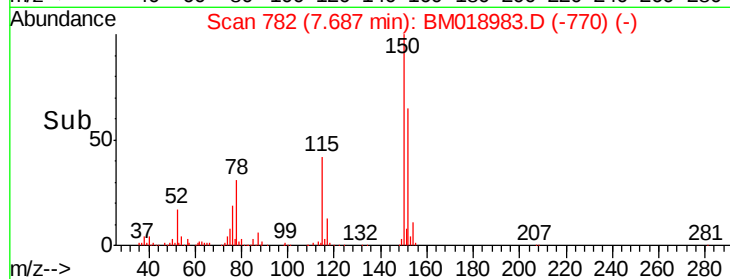
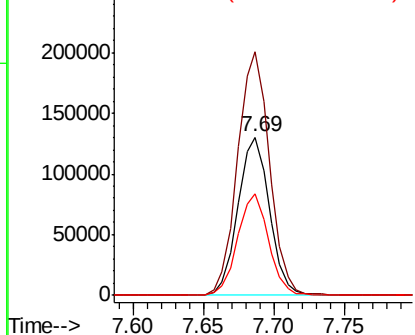


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

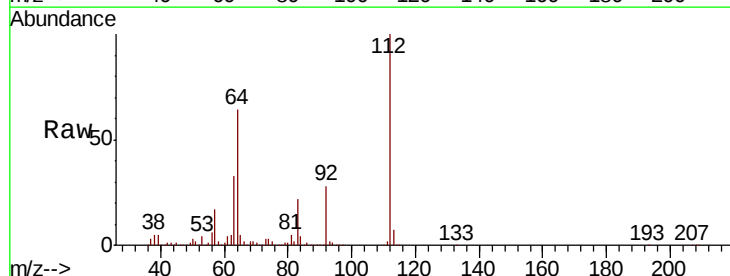
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 147.068 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM018983.D
Acq: 28 Feb 2019 23:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	50.6	75.8
63	32.8	25.7	38.5

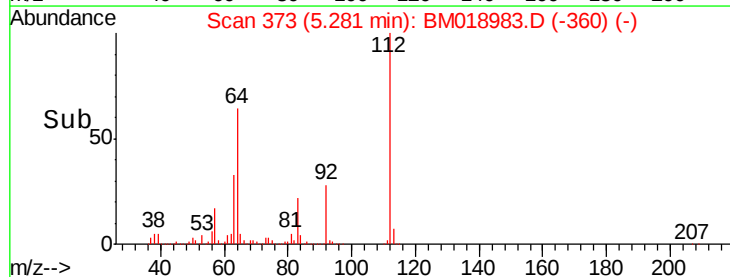
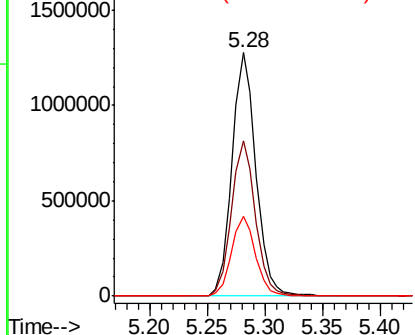


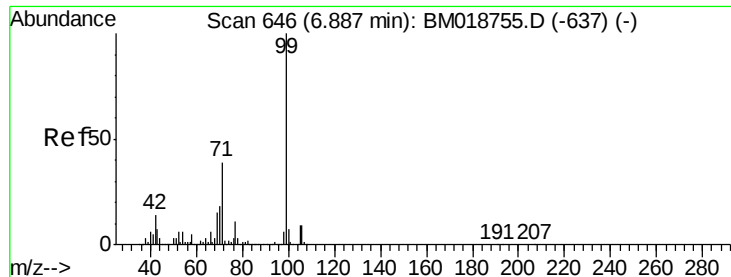
Abundance

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: 136.046 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018983.D

Acq: 28 Feb 2019 23:26

Instrument :

BNA_M

ClientSampleId :

SR-10

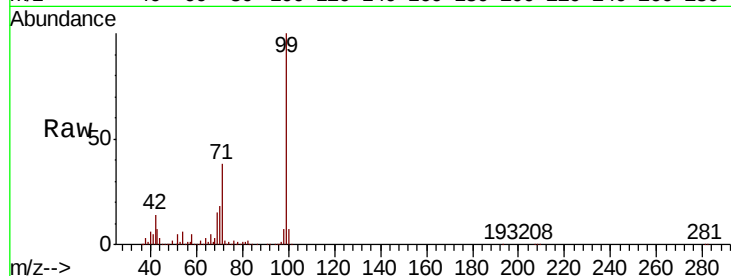
Tot Ion: 99 Resp: 2390772

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.6

71 38.3 31.3 46.9

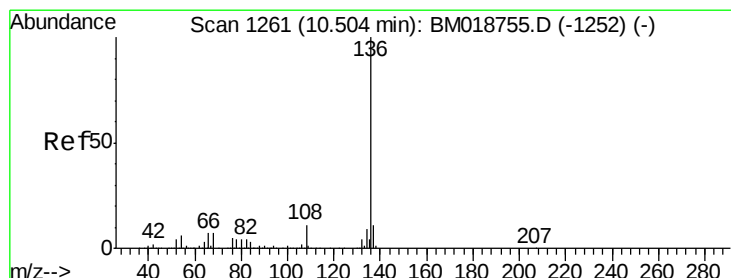
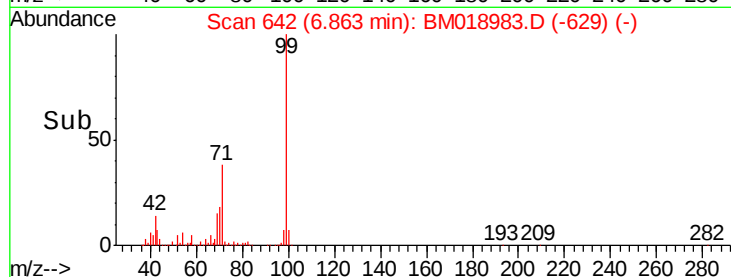
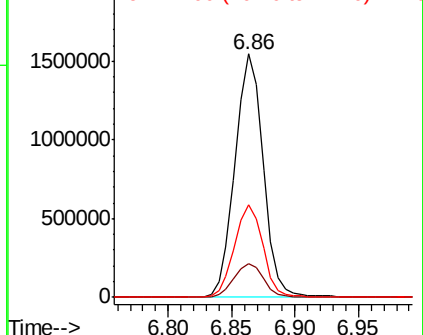


Abundance

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: 10.47 min Scan# 1256

Delta R.T. -0.03 min

Lab File: BM018983.D

Acq: 28 Feb 2019 23:26

Tgt Ion: 136 Resp: 869418

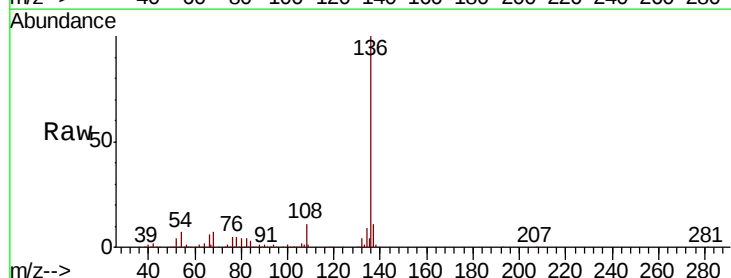
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.8 5.0 7.6

68 7.2 5.5 8.3



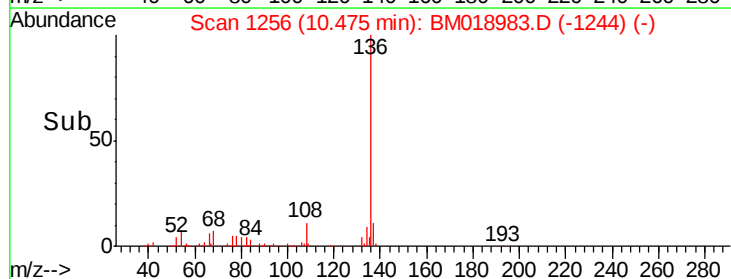
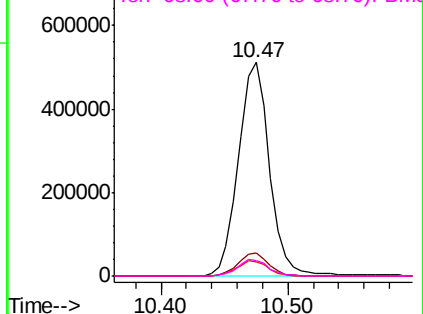
Abundance

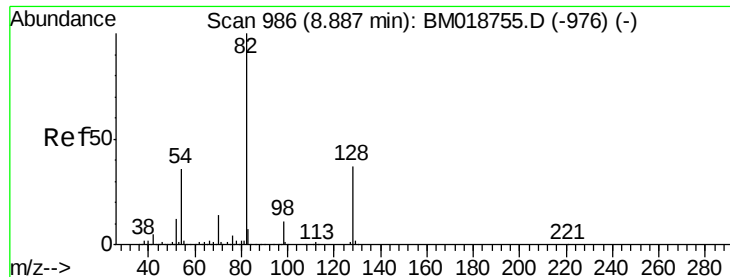
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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: 103.817 ng

RT: 8.86 min Scan# 981

Delta R.T. -0.03 min

Lab File: BM018983.D

Acq: 28 Feb 2019 23:26

Instrument :

BNA_M

ClientSampleId :

SR-10

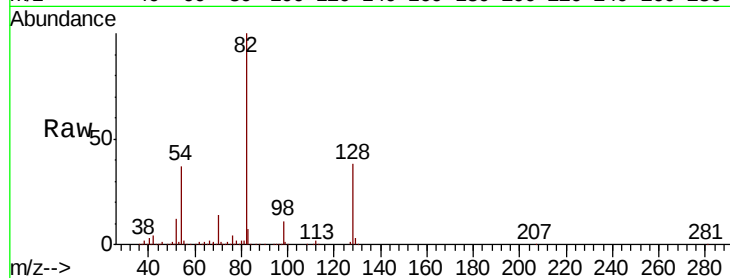
Tot Ion: 82 Resp: 1952052

Ion Ratio Lower Upper

82 100

128 37.6 29.9 44.9

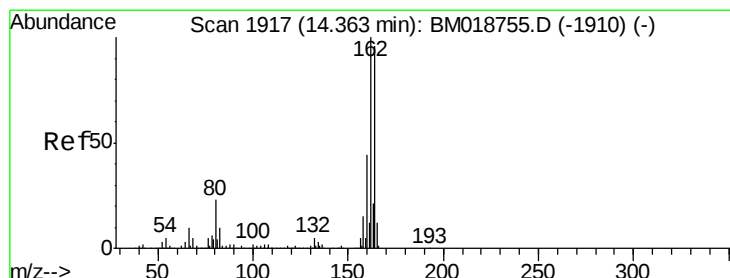
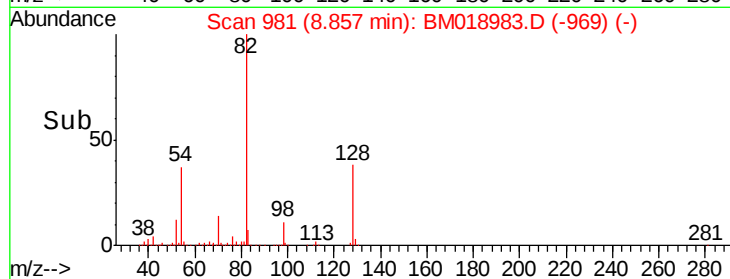
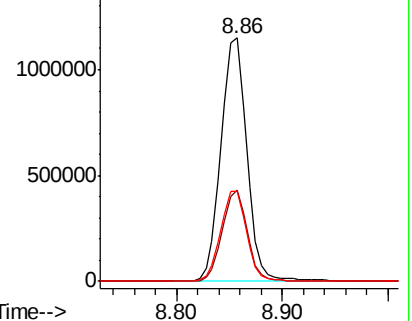
54 36.7 29.1 43.7



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: 14.33 min Scan# 1912

Delta R.T. -0.03 min

Lab File: BM018983.D

Acq: 28 Feb 2019 23:26

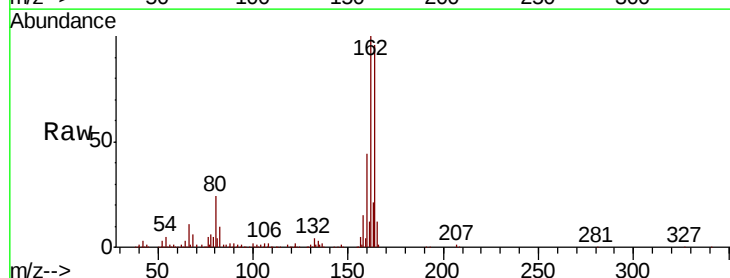
Tgt Ion:164 Resp: 520505

Ion Ratio Lower Upper

164 100

162 104.3 83.4 125.0

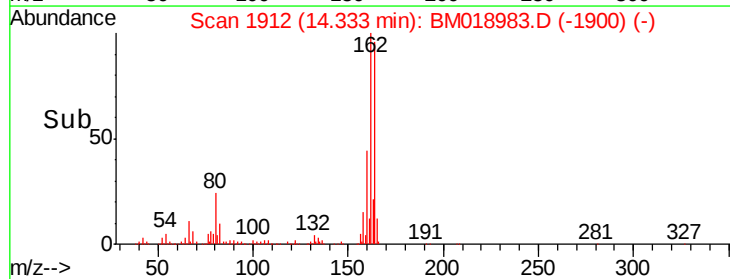
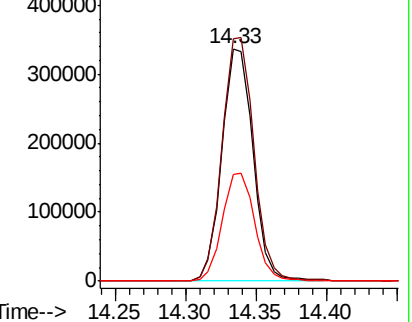
160 46.1 36.6 55.0

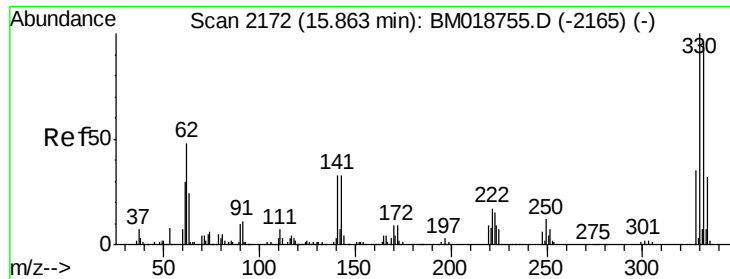


Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)

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: 167.418 ng

RT: 15.83 min Scan# 2167

Delta R.T. -0.03 min

Lab File: BM018983.D

Acq: 28 Feb 2019 23:26

Instrument :

BNA_M

ClientSampleId :

SR-10

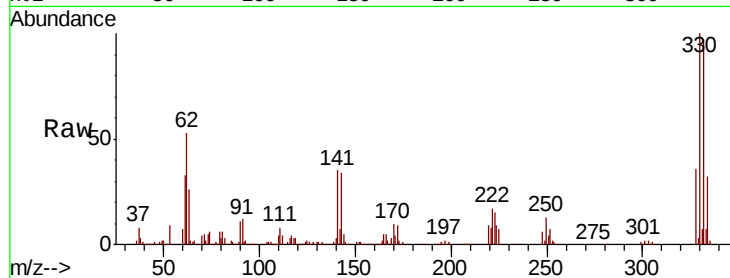
Tot Ion:330 Resp: 1256125

Ion Ratio Lower Upper

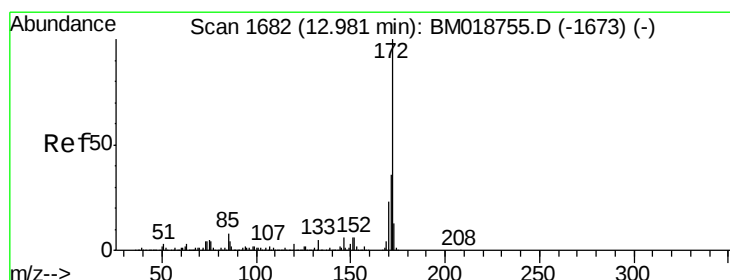
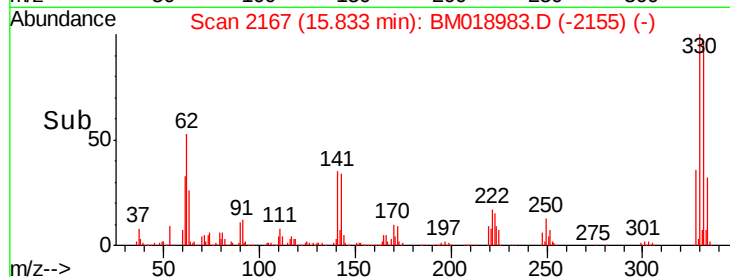
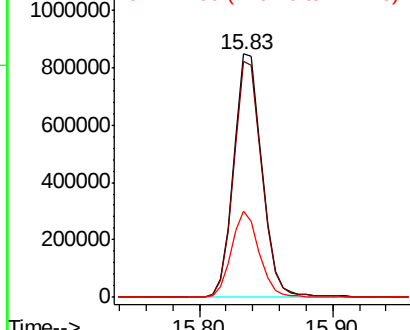
330 100

332 96.7 76.9 115.3

141 34.8 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: 98.882 ng

RT: 12.95 min Scan# 1677

Delta R.T. -0.03 min

Lab File: BM018983.D

Acq: 28 Feb 2019 23:26

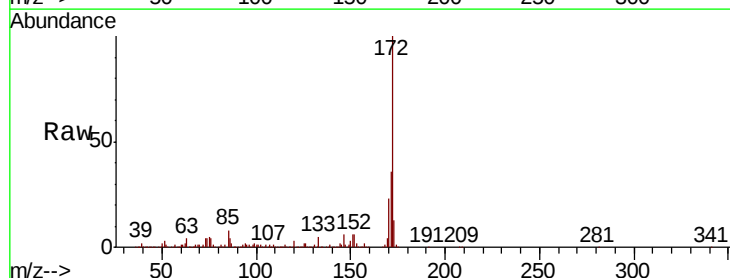
Tgt Ion:172 Resp: 3877158

Ion Ratio Lower Upper

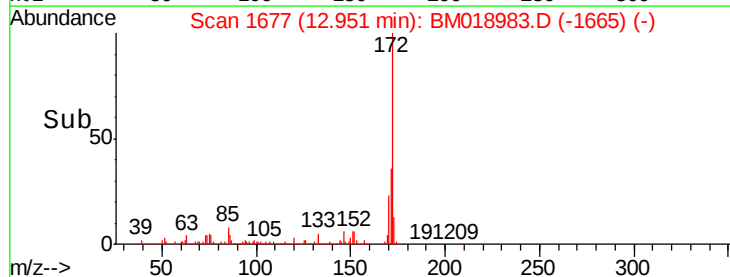
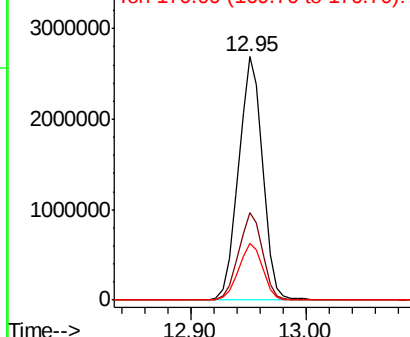
172 100

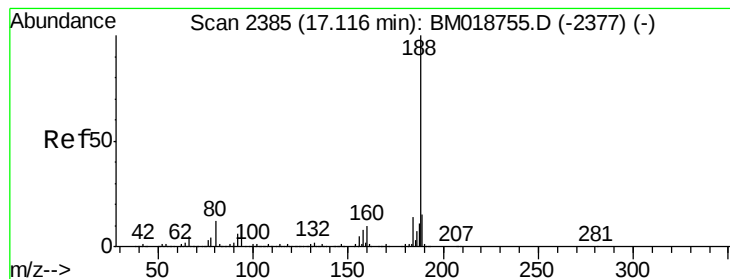
171 35.9 29.0 43.6

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: 17.09 min Scan# 2381

Delta R.T. -0.02 min

Lab File: BM018983.D

Acq: 28 Feb 2019 23:26

Instrument :

BNA_M

ClientSampled :

SR-10

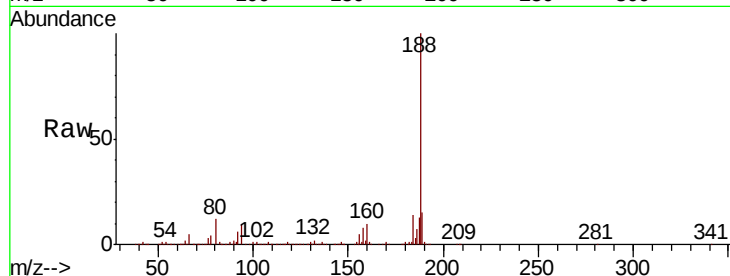
Tot Ion:188 Resp: 1216468

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

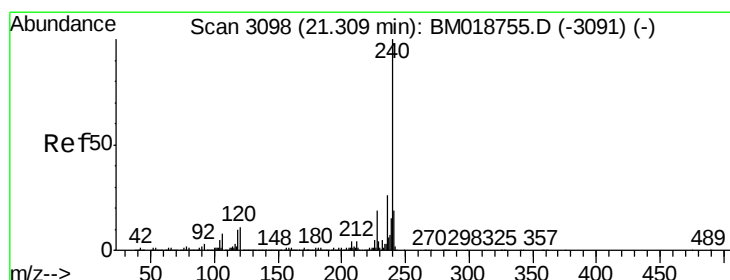
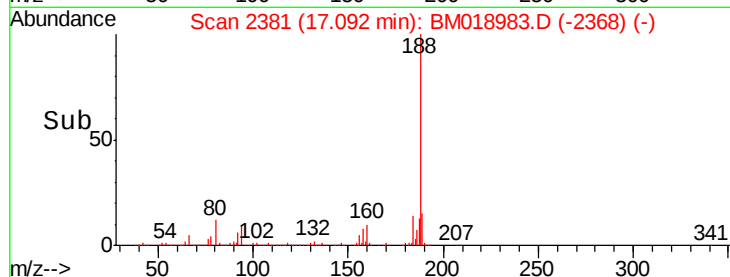
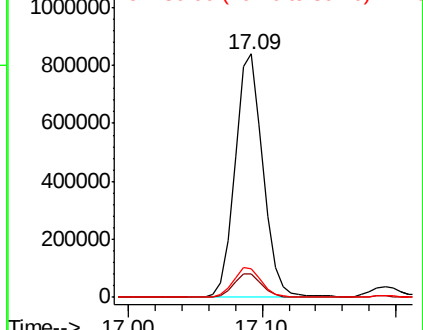
80 11.8 9.7 14.5



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# 3094

Delta R.T. -0.02 min

Lab File: BM018983.D

Acq: 28 Feb 2019 23:26

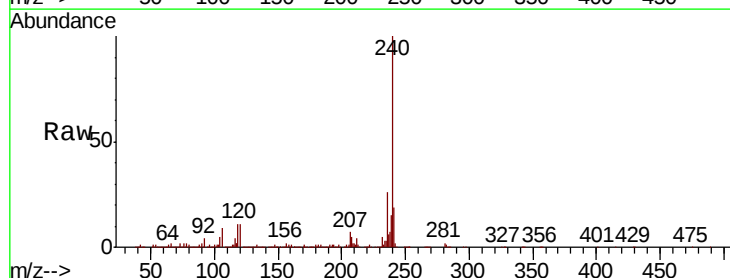
Tgt Ion:240 Resp: 1213599

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

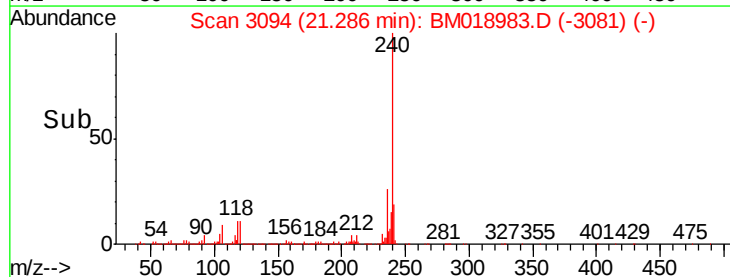
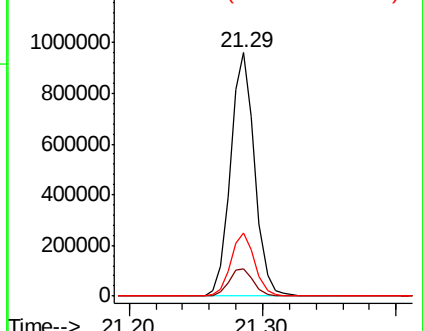
236 26.0 20.9 31.3

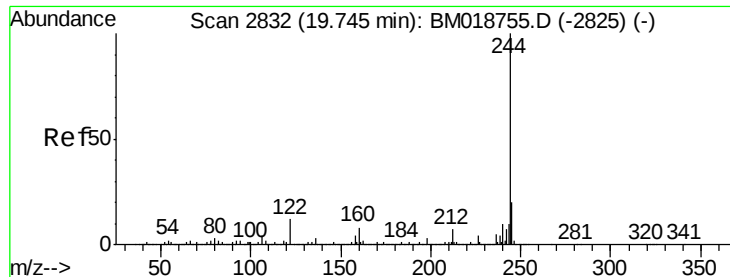


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 122.665 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BM018983.D

Acq: 28 Feb 2019 23:26

Instrument :

BNA_M

ClientSampleId :

SR-10

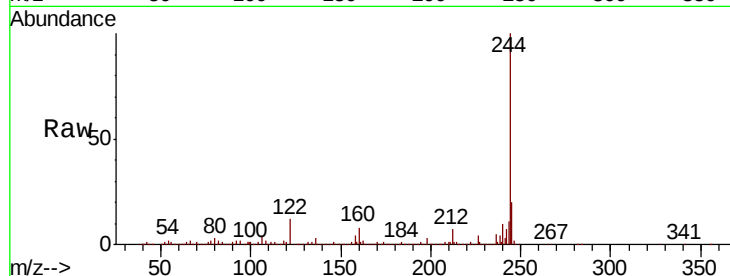
Tot Ion:244 Resp: 7216373

Ion Ratio Lower Upper

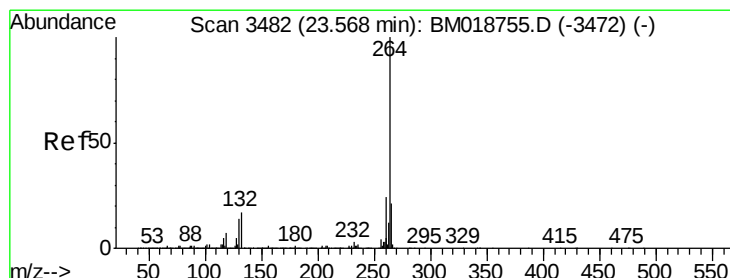
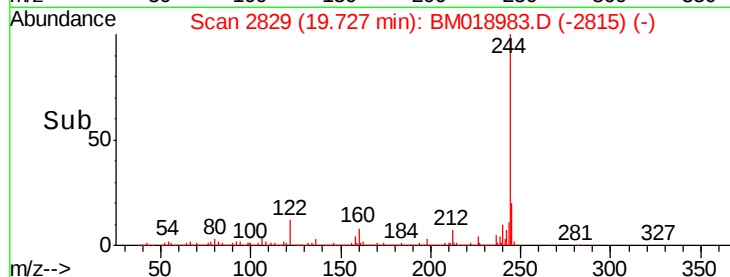
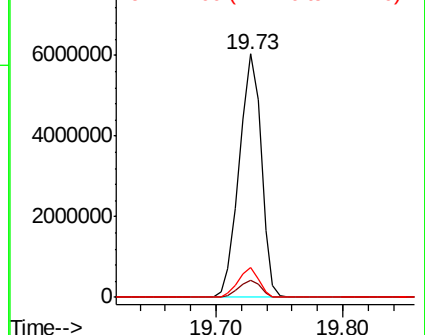
244 100

212 7.1 5.6 8.4

122 12.1 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: 23.53 min Scan# 3476

Delta R.T. -0.04 min

Lab File: BM018983.D

Acq: 28 Feb 2019 23:26

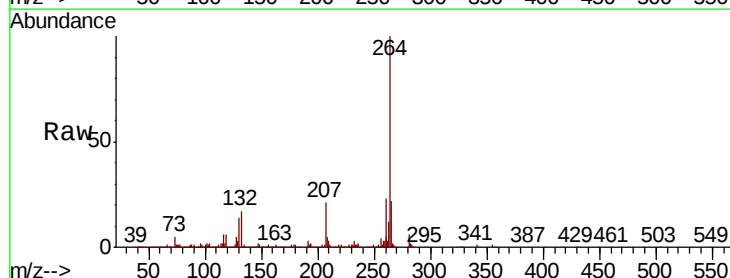
Tgt Ion:264 Resp: 1075170

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.5 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

