

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022719\
 Data File : BM018952.D
 Acq On : 27 Feb 2019 16:45
 Operator : JU/SJ
 Sample : PB117415BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117415BL

Quant Time: Feb 28 03:14:37 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

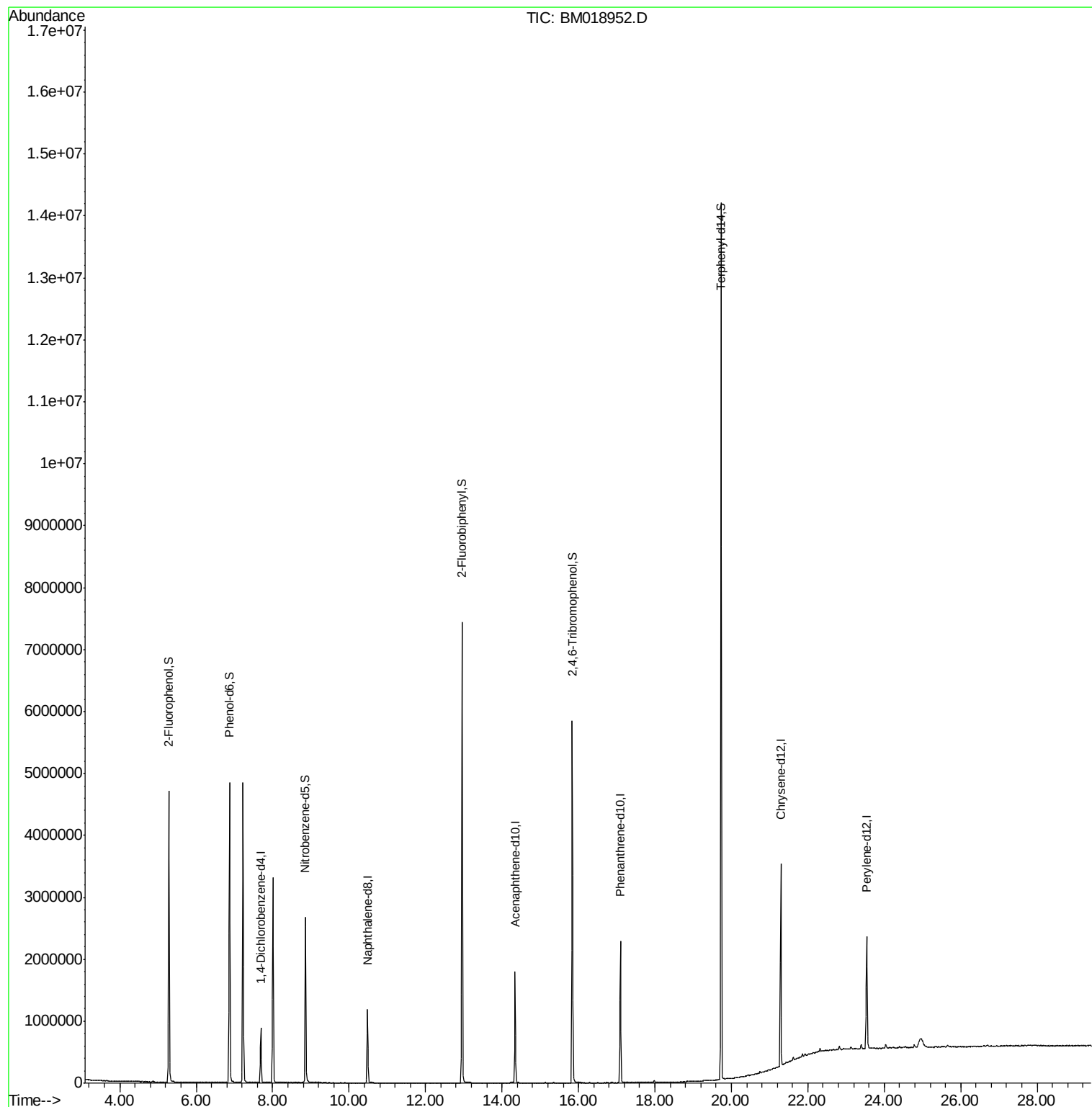
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	230457	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	976164	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	576638	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1301219	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1423566	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1252335	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1912004	135.94	ng	-0.02
7) Phenol-d6	6.87	99	2756226	139.10	ng	-0.02
23) Nitrobenzene-d5	8.86	82	1738116	82.33	ng	-0.03
42) 2,4,6-Tribromophenol	15.84	330	1077096	129.58	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	3598609	82.84	ng	-0.02
79) Terphenyl-d14	19.73	244	6065015	87.89	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.87	77	5067	Below Cal	Qvalue #	7

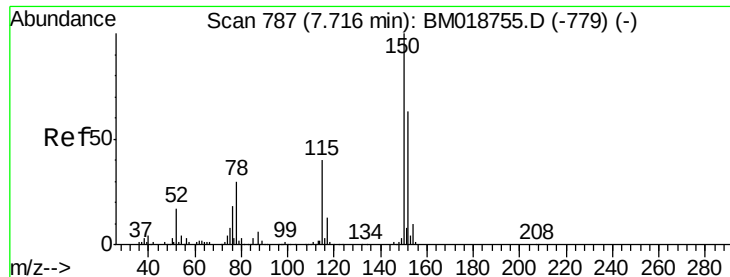
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : PB117415BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB117415BL

Quant Time: Feb 28 00:10:09 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



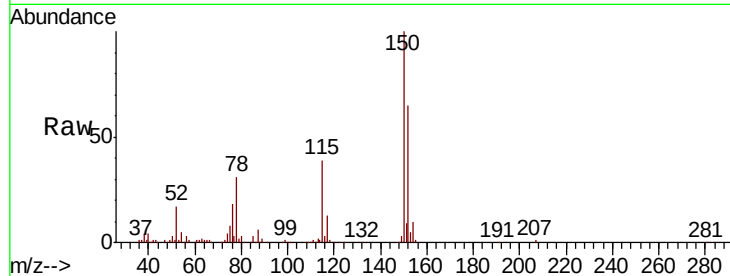


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018952.D
Acq: 27 Feb 2019 16:45

Instrument :
BNA_M
ClientSampleId :
PB117415BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.0	127.3	190.9
115	60.4	50.8	76.2

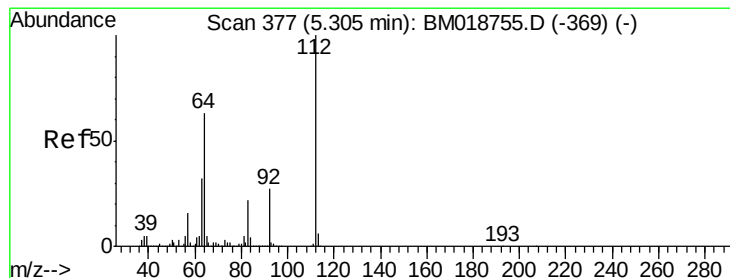
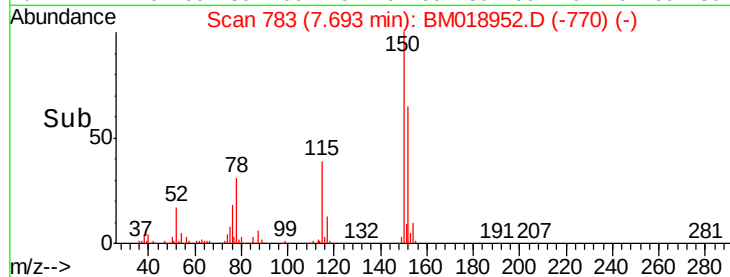
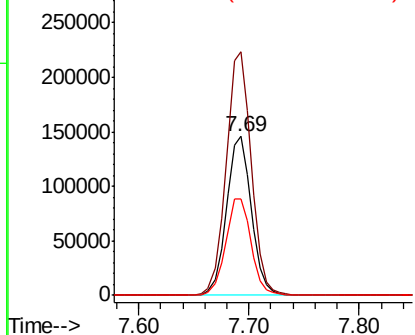


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

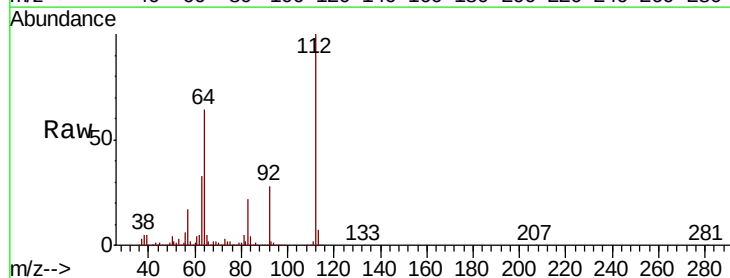
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 135.937 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018952.D
Acq: 27 Feb 2019 16:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	50.6	75.8
63	32.7	25.7	38.5

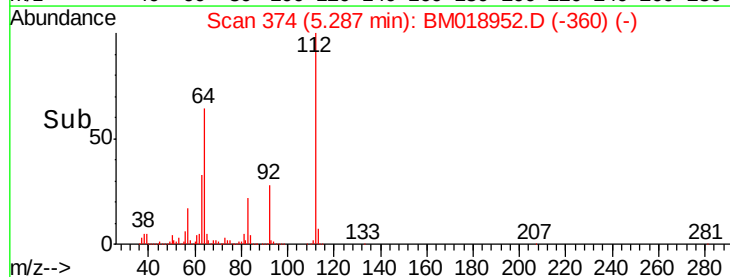
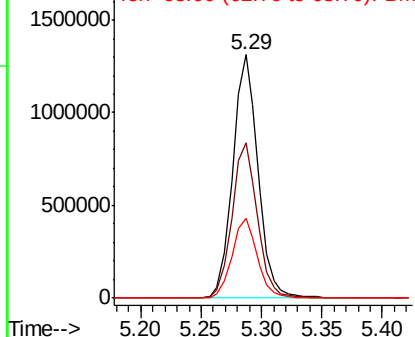


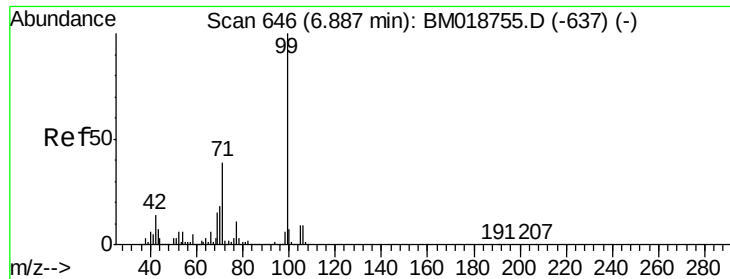
Abundance

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: 139.101 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM018952.D

Acq: 27 Feb 2019 16:45

Instrument :

BNA_M

ClientSampleId :

PB117415BL

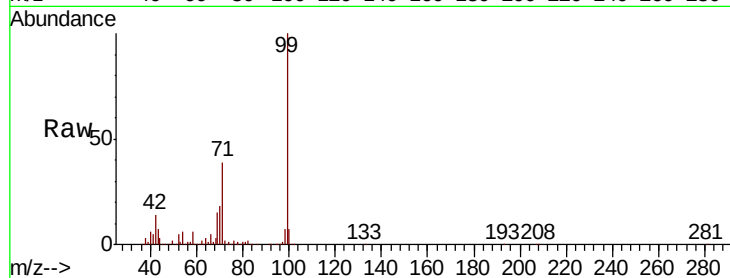
Tgt Ion: 99 Resp: 2756226

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

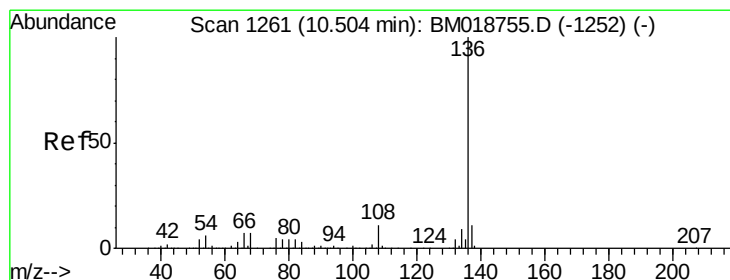
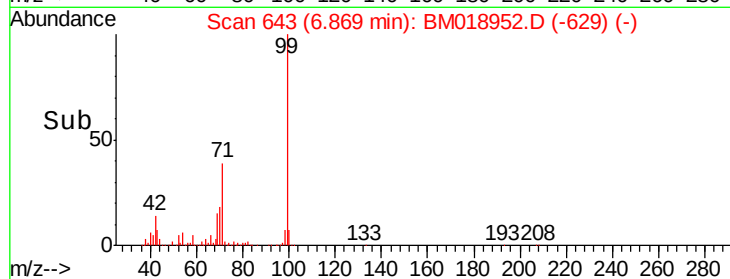
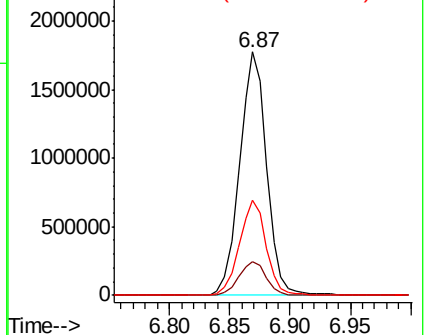
71 38.8 31.3 46.9



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: BM018952.D

Acq: 27 Feb 2019 16:45

Tgt Ion: 136 Resp: 976164

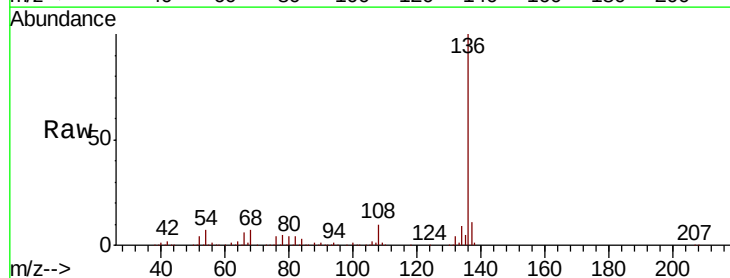
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.9 5.0 7.6

68 7.2 5.5 8.3

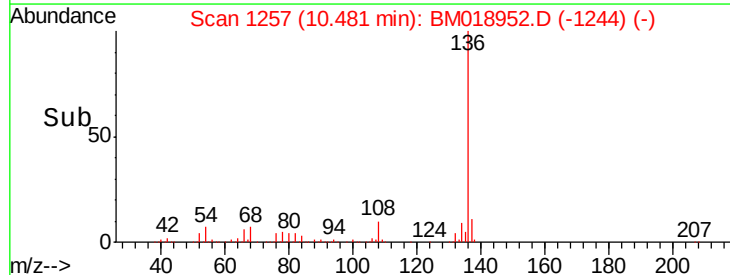
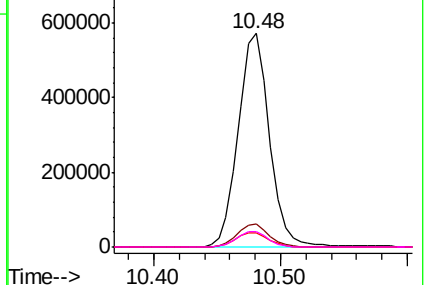


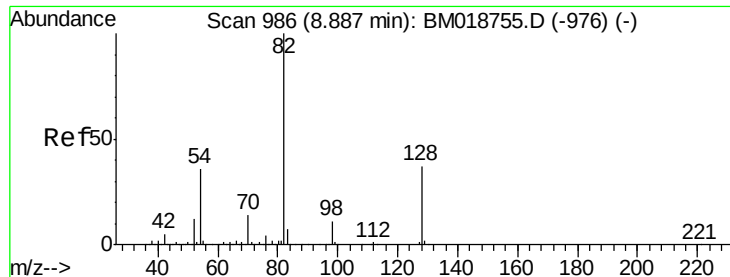
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

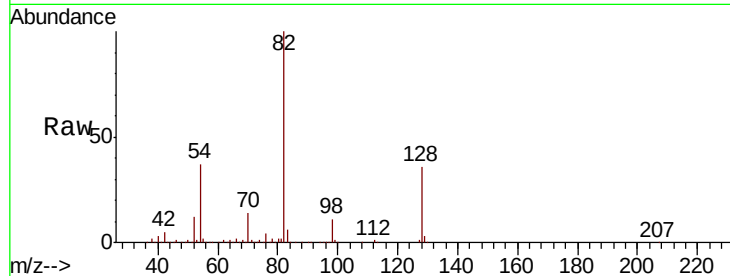




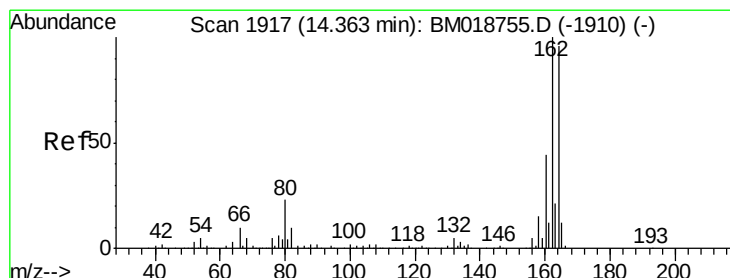
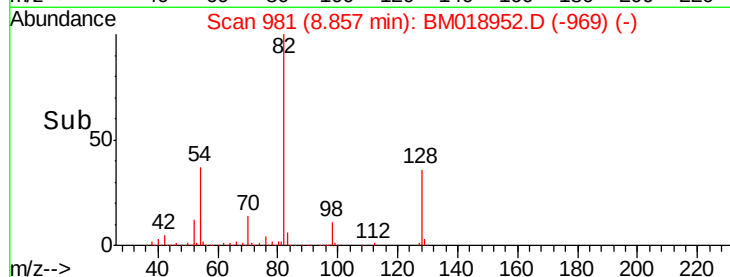
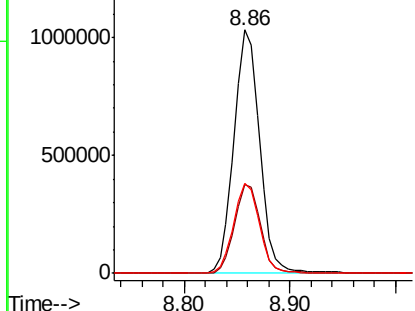
#23
 Nitrobenzene-d5
 Concen: 82.331 ng
 RT: 8.86 min Scan# 981
 Delta R.T. -0.03 min
 Lab File: BM018952.D
 Acq: 27 Feb 2019 16:45

Instrument :
 BNA_M
 ClientSampled :
 PB117415BL

Tgt Ion: 82 Resp: 1738116
 Ion Ratio Lower Upper
 82 100
 128 36.3 29.9 44.9
 54 37.0 29.1 43.7

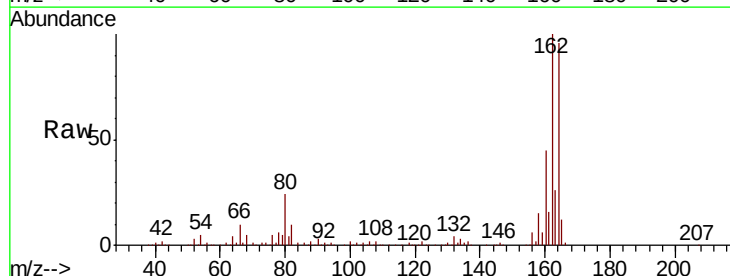


Abundance Ion 82.00 (81.70 to 82.70): BM018952.D (-969) (-)
 Ion 128.00 (127.70 to 128.70): BM018952.D (-969) (-)
 Ion 54.00 (53.70 to 54.70): BM018952.D (-969) (-)

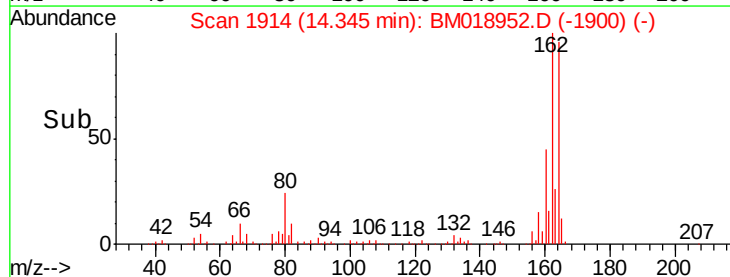
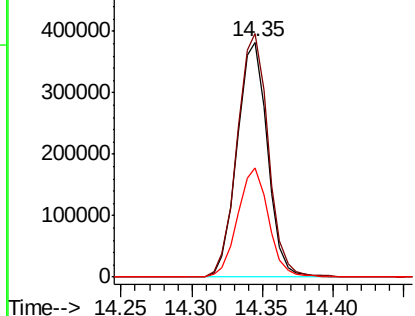


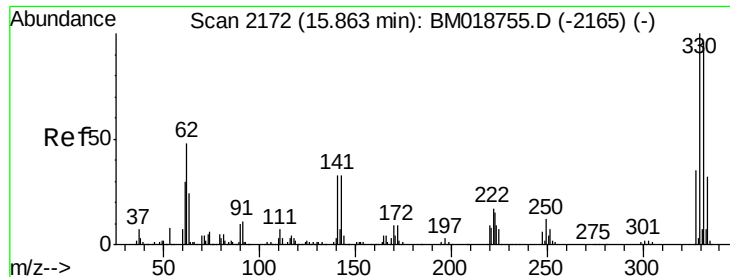
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.35 min Scan# 1914
 Delta R.T. -0.02 min
 Lab File: BM018952.D
 Acq: 27 Feb 2019 16:45

Tgt Ion: 164 Resp: 576638
 Ion Ratio Lower Upper
 164 100
 162 103.7 83.4 125.0
 160 46.7 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BM018952.D (-1900) (-)
 Ion 162.00 (161.70 to 162.70): BM018952.D (-1900) (-)
 Ion 160.00 (159.70 to 160.70): BM018952.D (-1900) (-)





#42

2,4,6-Tribromophenol

Concen: 129.582 ng

RT: 15.84 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BM018952.D

Acq: 27 Feb 2019 16:45

Instrument :

BNA_M

ClientSampleId :

PB117415BL

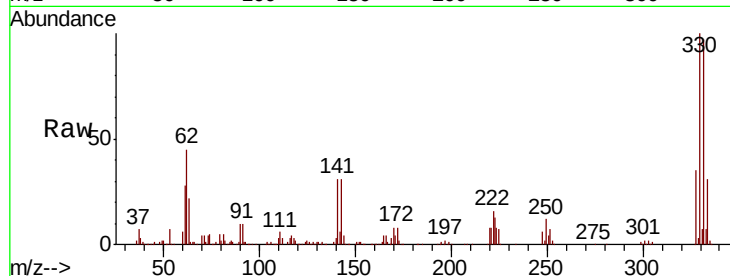
Tgt Ion:330 Resp: 1077096

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

141 34.9 28.7 43.1

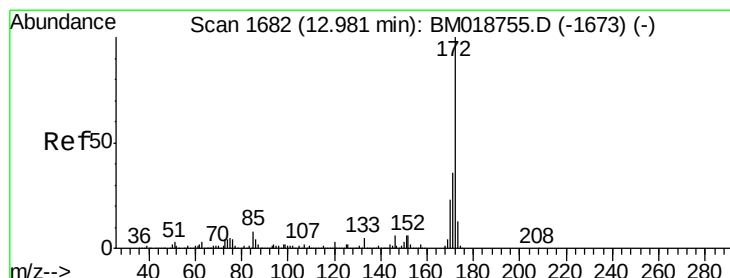
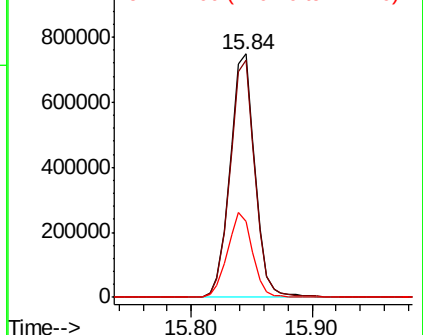
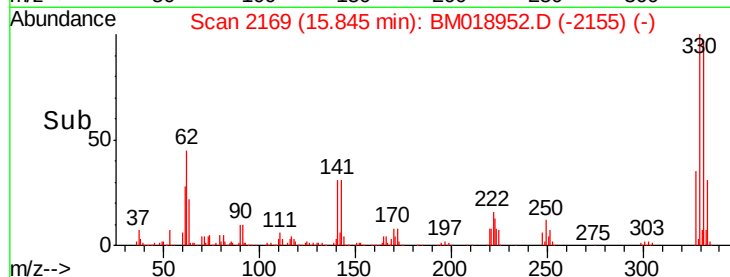


Abundance

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: 82.843 ng

RT: 12.96 min Scan# 1678

Delta R.T. -0.02 min

Lab File: BM018952.D

Acq: 27 Feb 2019 16:45

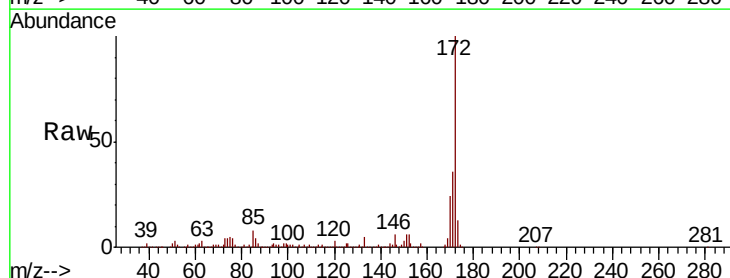
Tgt Ion:172 Resp: 3598609

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

170 23.9 18.6 28.0

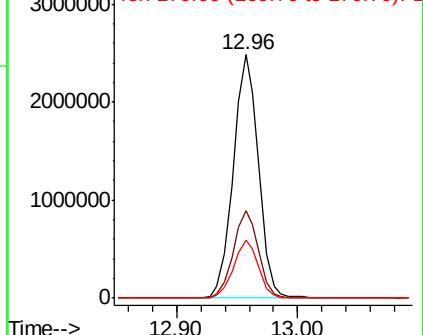
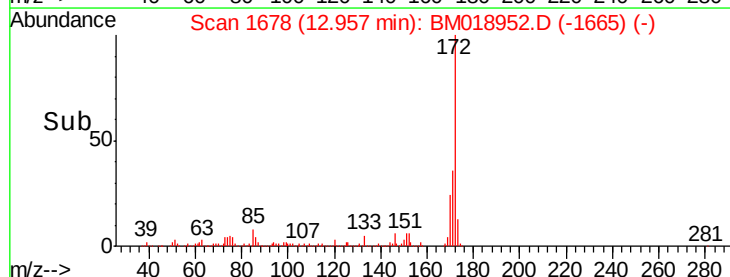


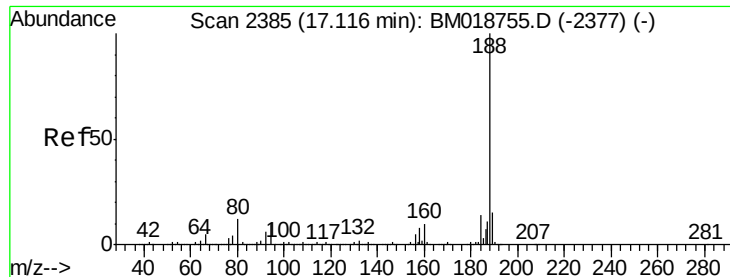
Abundance

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

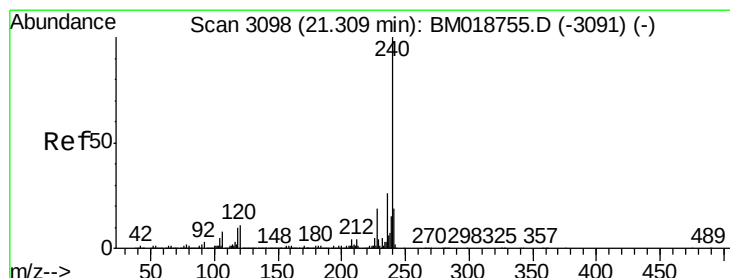
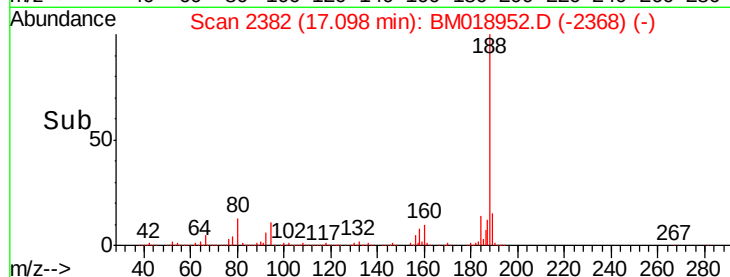
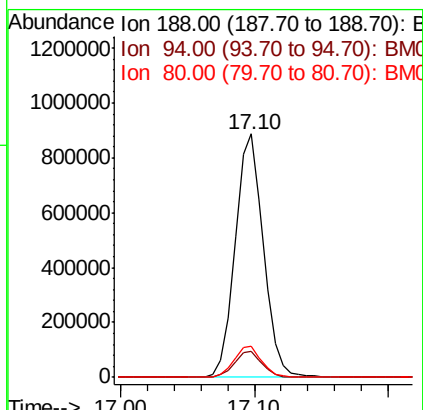
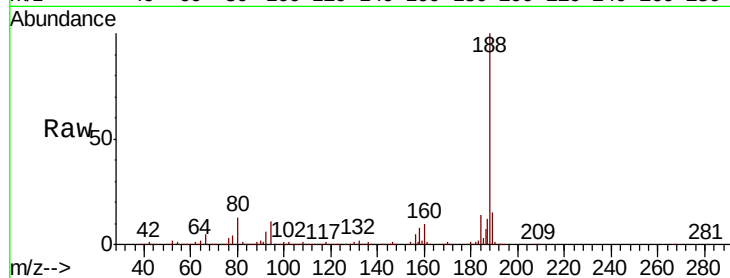




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM018952.D
Acq: 27 Feb 2019 16:45

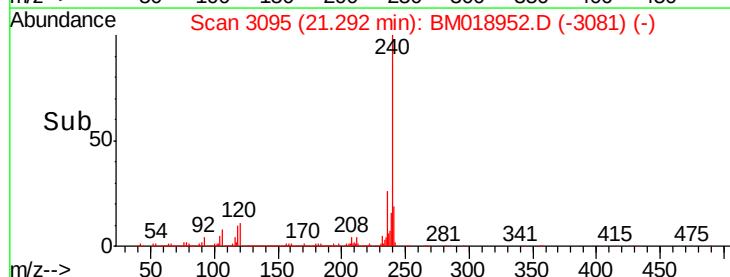
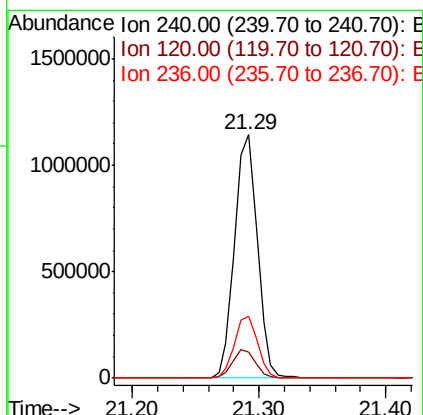
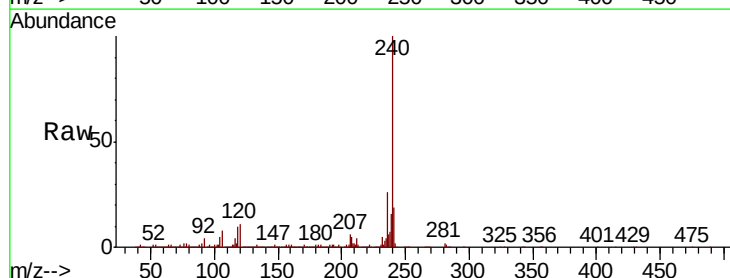
Instrument :
BNA_M
ClientSampleId :
PB117415BL

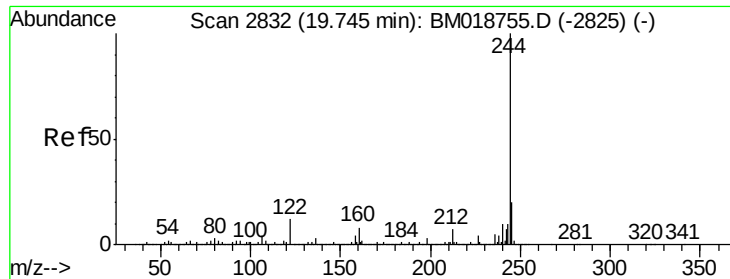
Tgt Ion:188 Resp: 1301219
Ion Ratio Lower Upper
188 100
94 10.7 8.2 12.2
80 12.6 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018952.D
Acq: 27 Feb 2019 16:45

Tgt Ion:240 Resp: 1423566
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 87.888 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM018952.D

Acq: 27 Feb 2019 16:45

Instrument :

BNA_M

ClientSampleId :

PB117415BL

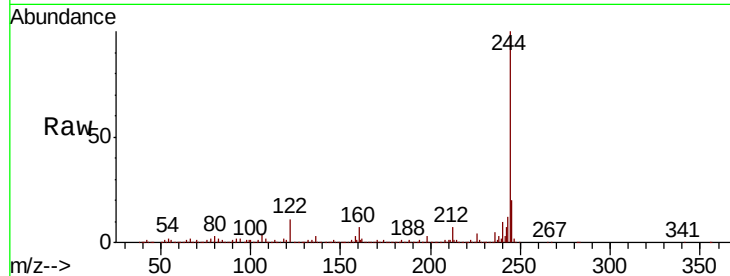
Tgt Ion:244 Resp: 6065015

Ion Ratio Lower Upper

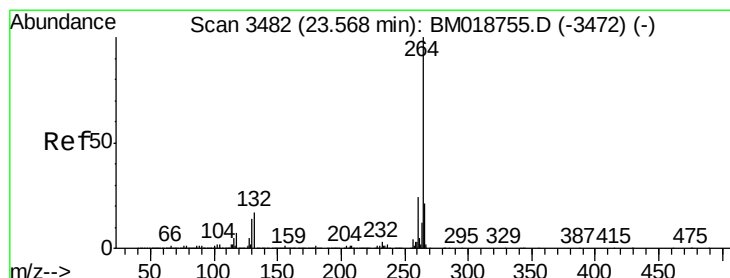
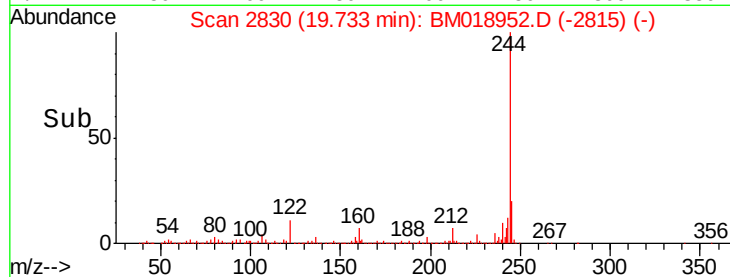
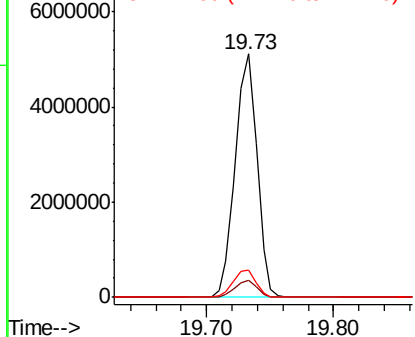
244 100

212 6.9 5.6 8.4

122 11.0 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: BM018952.D

Acq: 27 Feb 2019 16:45

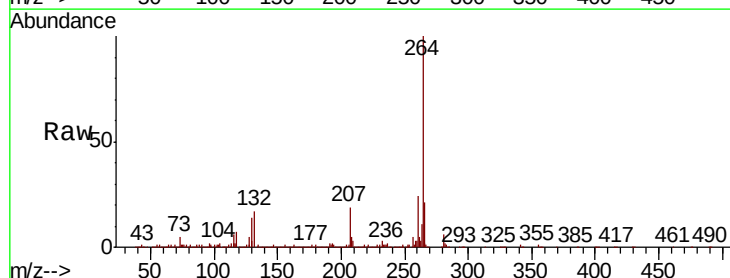
Tgt Ion:264 Resp: 1252335

Ion Ratio Lower Upper

264 100

260 23.8 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

