

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022819\
 Data File : BM018972.D
 Acq On : 28 Feb 2019 16:50
 Operator : JU/SJ
 Sample : K1638-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PE-2(SOUTH-SITE-WALL)

Quant Time: Mar 01 01:13:50 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

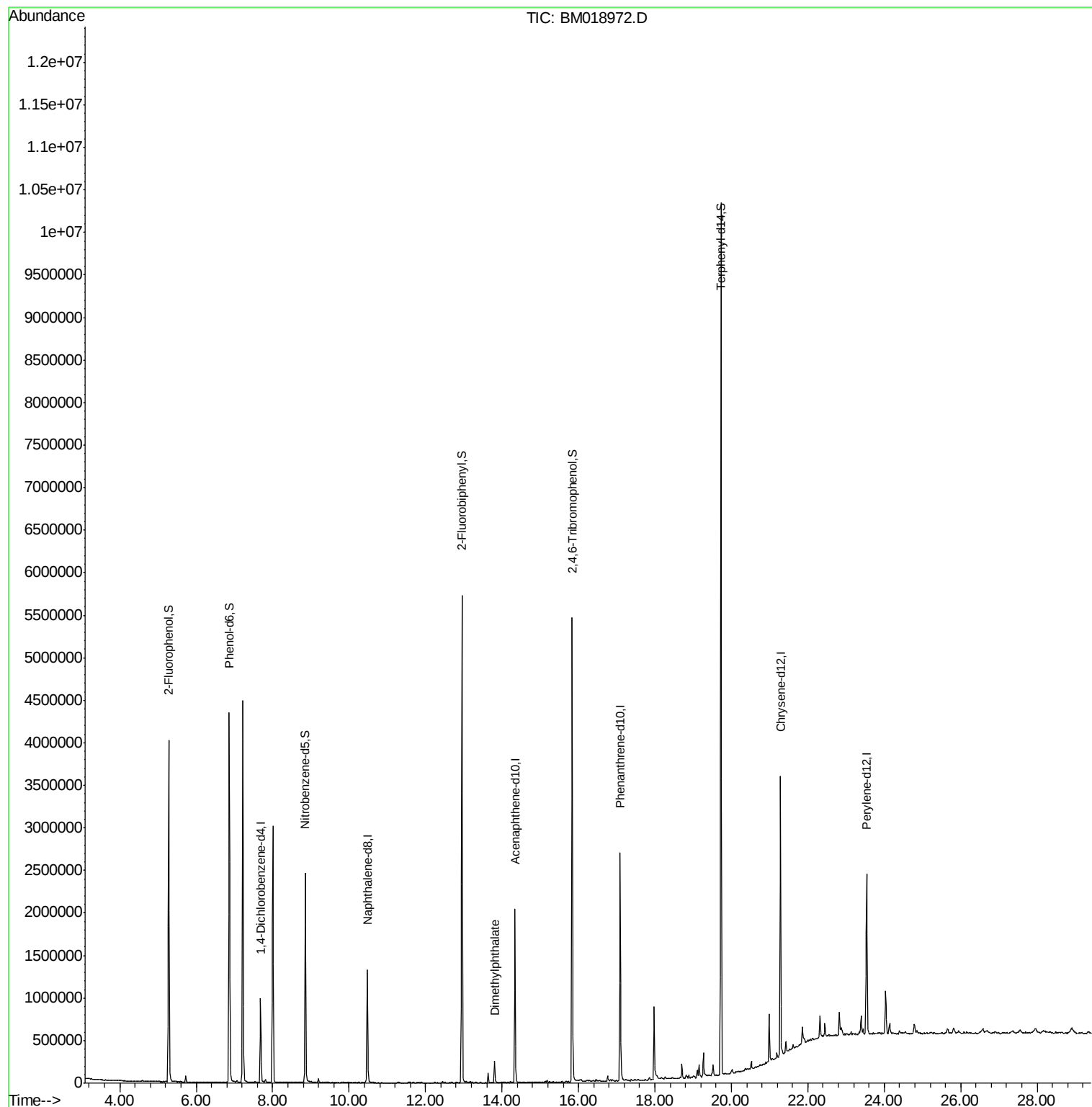
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	253878	20.00	ng	-0.03
21) Naphthalene-d8	10.47	136	1096846	20.00	ng	-0.03
39) Acenaphthene-d10	14.34	164	632817	20.00	ng	-0.02
64) Phenanthrene-d10	17.09	188	1432144	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1415212	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1254234	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1693561	109.30	ng	-0.02
7) Phenol-d6	6.86	99	2498036	114.44	ng	-0.02
23) Nitrobenzene-d5	8.86	82	1594741	67.23	ng	-0.03
42) 2,4,6-Tribromophenol	15.84	330	1000353	109.67	ng	-0.02
45) 2-Fluorobiphenyl	12.95	172	2893106	60.69	ng	-0.03
79) Terphenyl-d14	19.73	244	4472902	65.20	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.86	77	5740	Below Cal	Qvalue #	7
50) Dimethylphthalate	13.80	163	165251	3.133 ng		99

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

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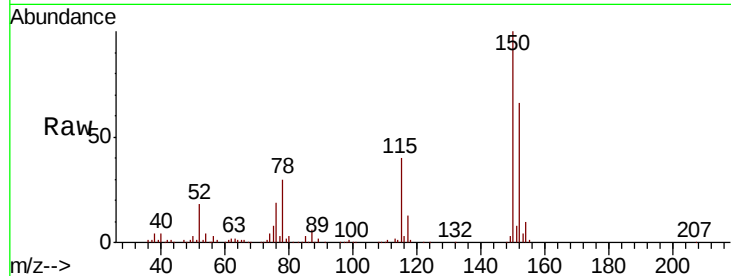


#1

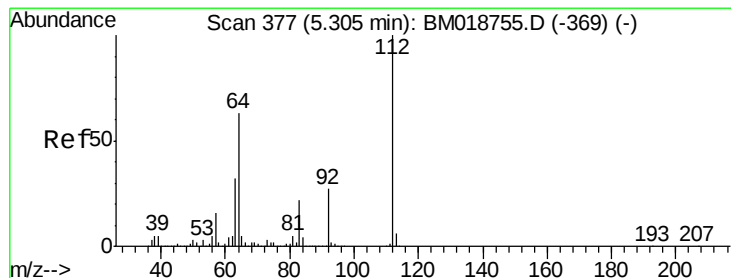
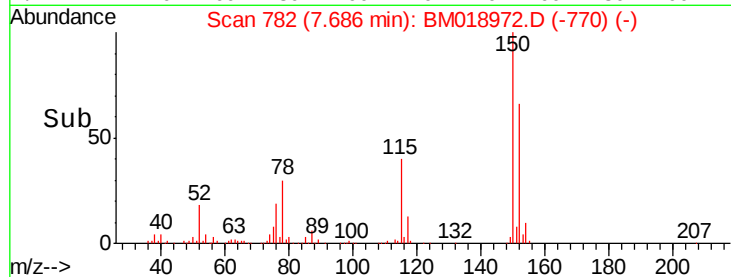
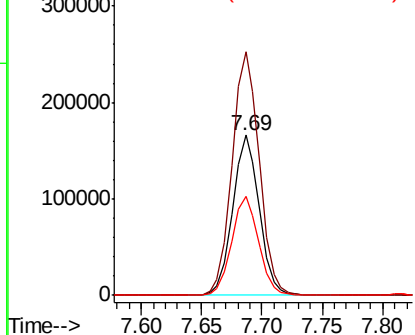
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 782
Delta R.T. -0.03 min
Lab File: BM018972.D
Acq: 28 Feb 2019 16:50

Instrument :
BNA_M
ClientSampleId :
PE-2(SOUTH-SITE-WALL)

Tgt Ion:152 Resp: 253878
Ion Ratio Lower Upper
152 100
150 152.1 127.3 190.9
115 61.6 50.8 76.2



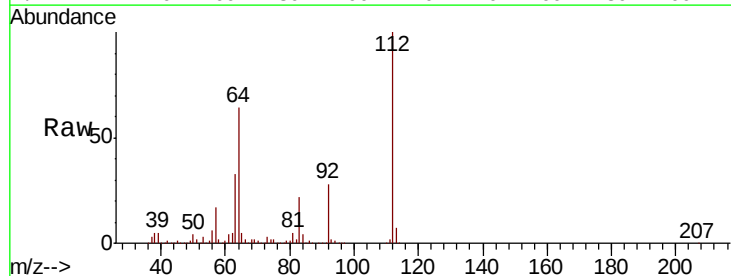
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



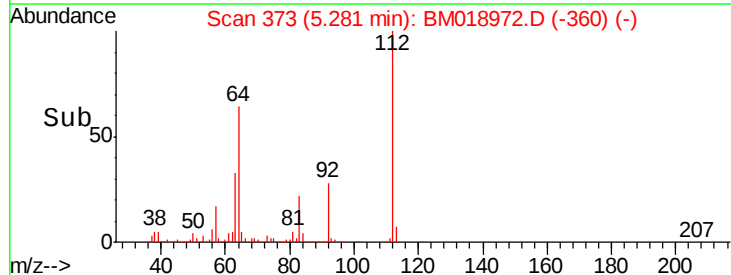
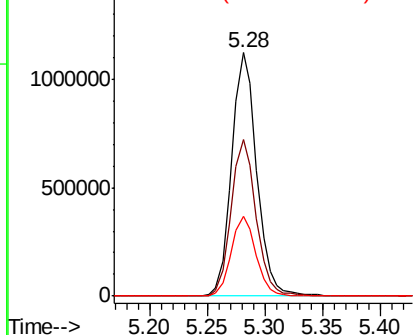
#5

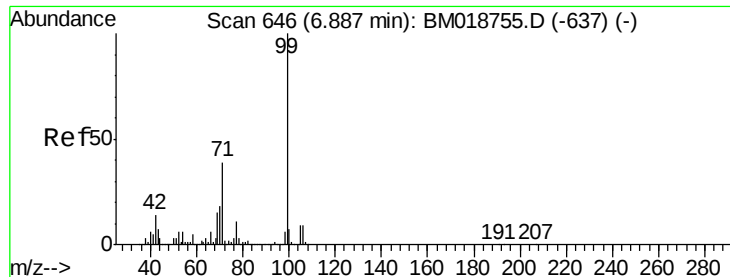
2-Fluorophenol
Concen: 109.299 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM018972.D
Acq: 28 Feb 2019 16:50

Tgt Ion:112 Resp: 1693561
Ion Ratio Lower Upper
112 100
64 64.2 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: 114.440 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018972.D

Acq: 28 Feb 2019 16:50

Instrument :

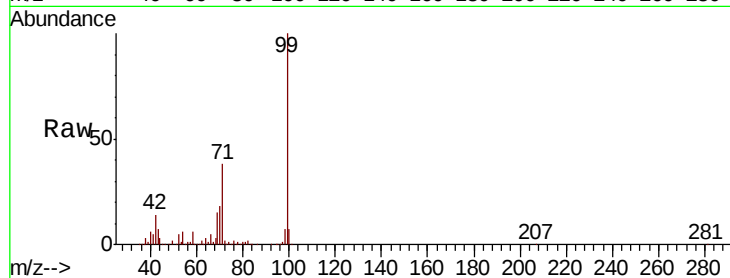
BNA_M

ClientSampleId :

PE-2(SOUTH-SITE-WALL)

Tgt Ion: 99 Resp: 2498036

Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.0	16.6
71	38.5	31.3	46.9

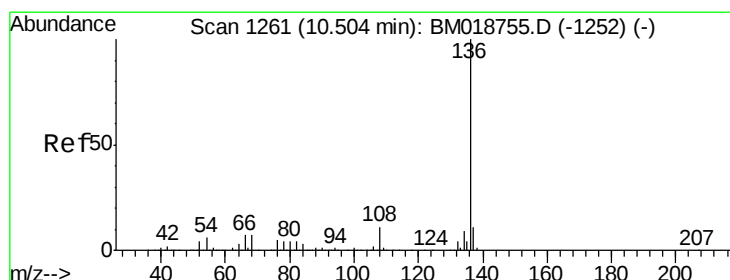
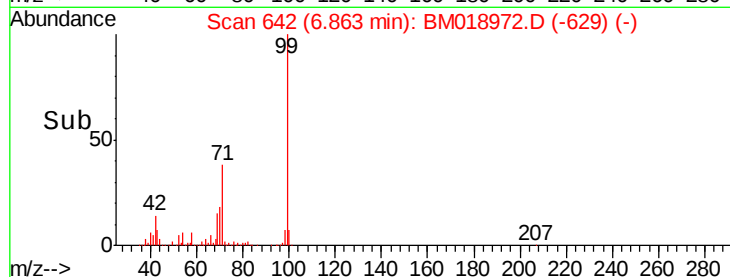
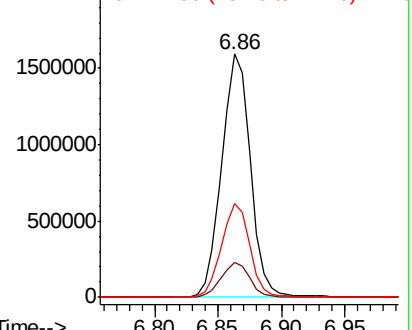


Abundance

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

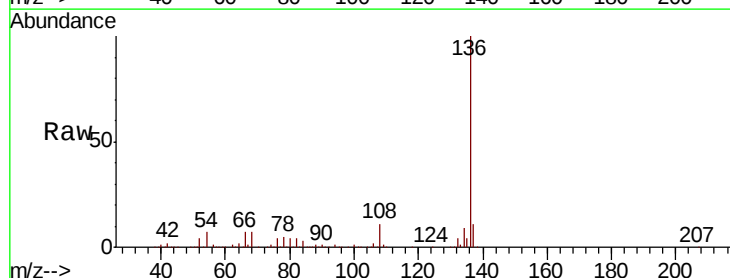
Delta R.T. -0.03 min

Lab File: BM018972.D

Acq: 28 Feb 2019 16:50

Tgt Ion: 136 Resp: 1096846

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.8	5.0	7.6
68	7.3	5.5	8.3



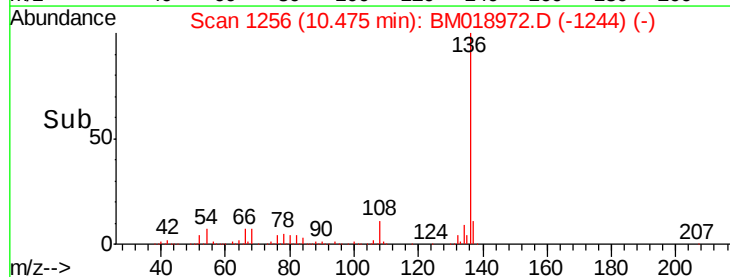
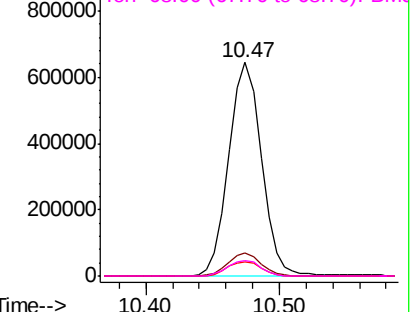
Abundance

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) (-)

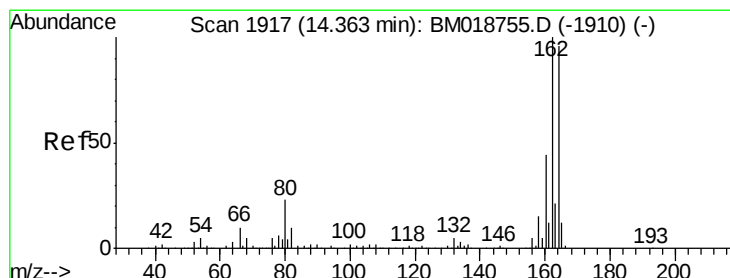
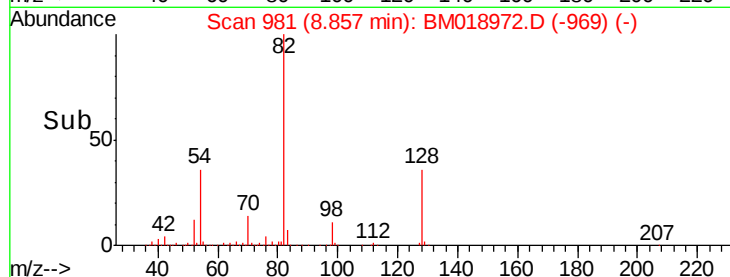
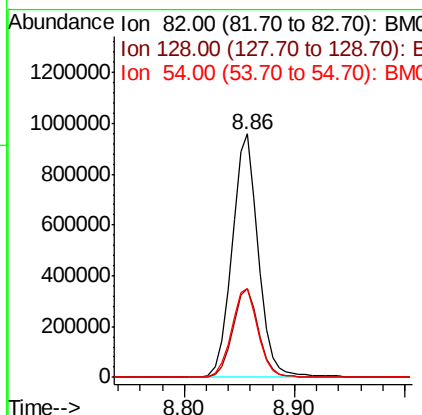
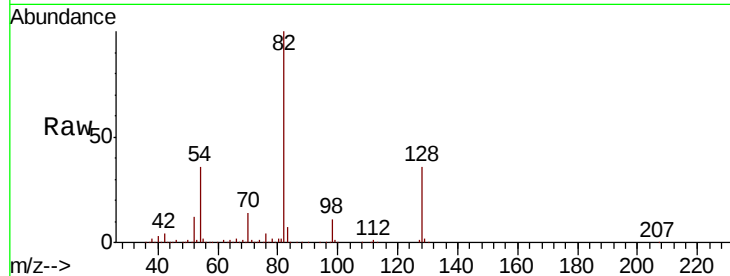




#23
 Nitrobenzene-d5
 Concen: 67.228 ng
 RT: 8.86 min Scan# 981
 Delta R.T. -0.03 min
 Lab File: BM018972.D
 Acq: 28 Feb 2019 16:50

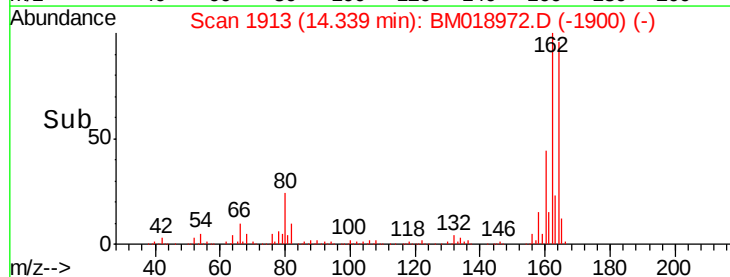
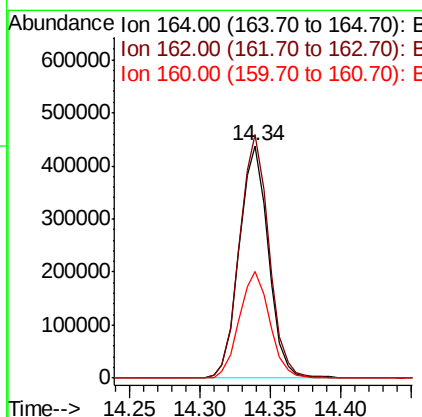
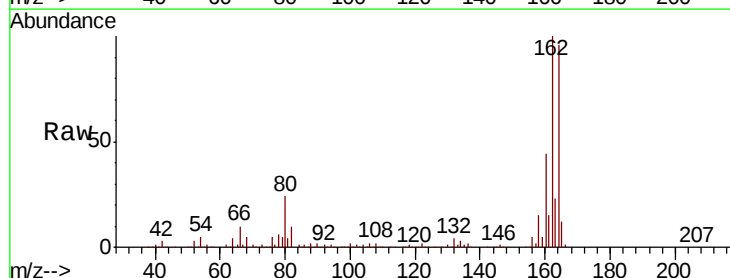
Instrument :
 BNA_M
 ClientSampleId :
 PE-2(SOUTH-SITE-WALL)

Tgt Ion: 82 Resp: 1594741
 Ion Ratio Lower Upper
 82 100
 128 36.5 29.9 44.9
 54 36.4 29.1 43.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.34 min Scan# 1913
 Delta R.T. -0.02 min
 Lab File: BM018972.D
 Acq: 28 Feb 2019 16:50

Tgt Ion: 164 Resp: 632817
 Ion Ratio Lower Upper
 164 100
 162 104.7 83.4 125.0
 160 45.9 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 109.665 ng

RT: 15.84 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BM018972.D

Acq: 28 Feb 2019 16:50

Instrument :

BNA_M

ClientSampleId :

PE-2(SOUTH-SITE-WALL)

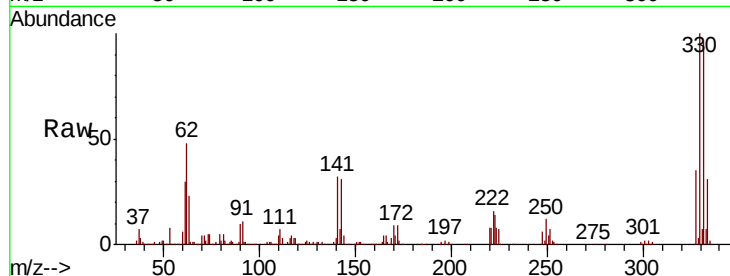
Tgt Ion:330 Resp: 1000353

Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

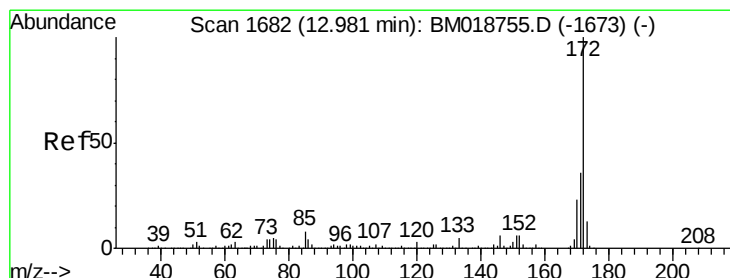
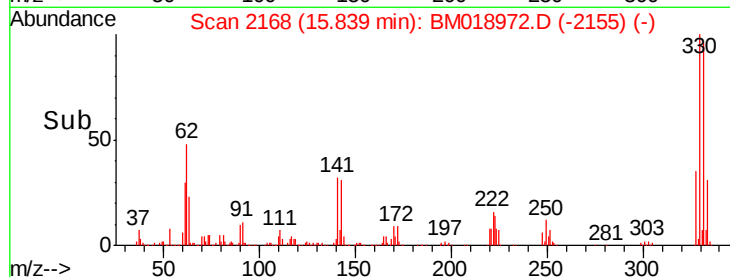
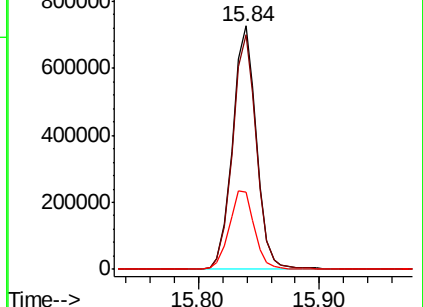
141 34.2 28.7 43.1



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: 60.689 ng

RT: 12.95 min Scan# 1677

Delta R.T. -0.03 min

Lab File: BM018972.D

Acq: 28 Feb 2019 16:50

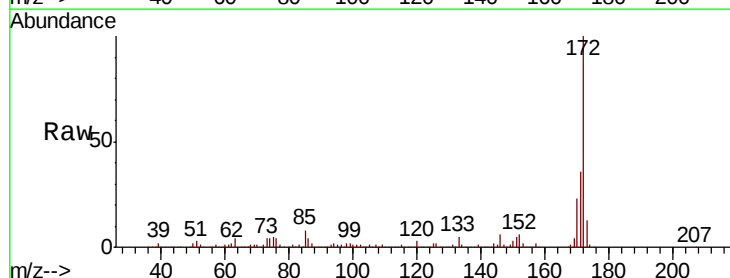
Tgt Ion:172 Resp: 2893106

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

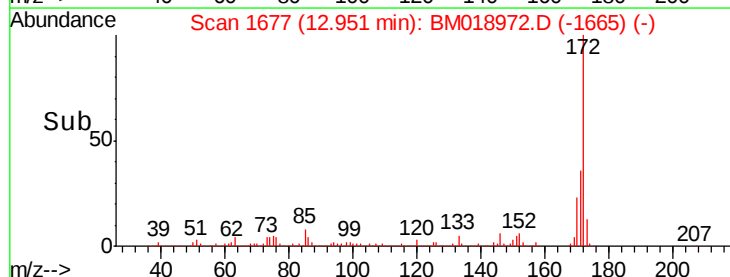
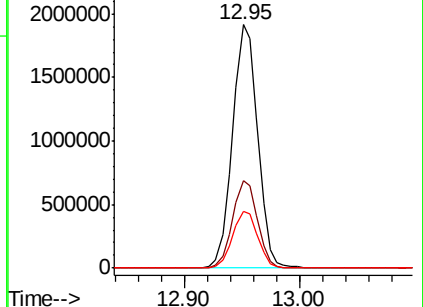
170 23.5 18.6 28.0

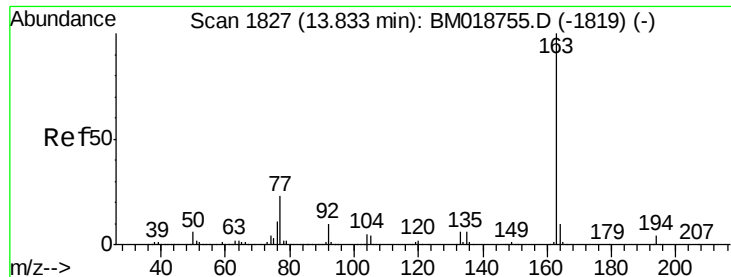


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.133 ng

RT: 13.80 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BM018972.D

Acq: 28 Feb 2019 16:50

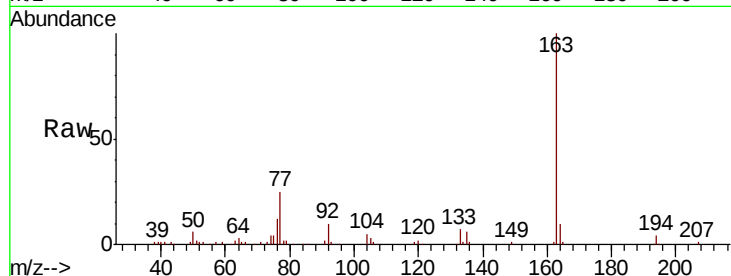
Instrument :

BNA_M

ClientSampleId :

PE-2(SOUTH-SITE-WALL)

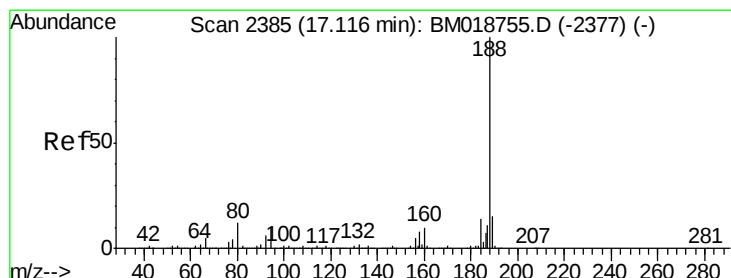
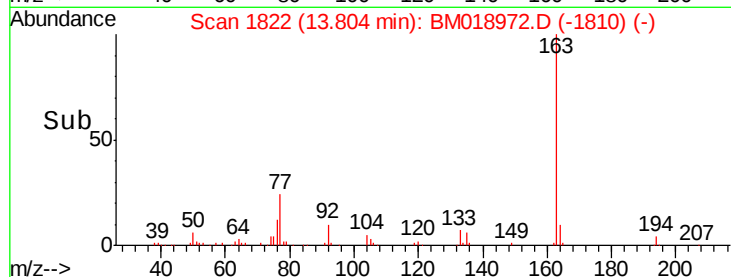
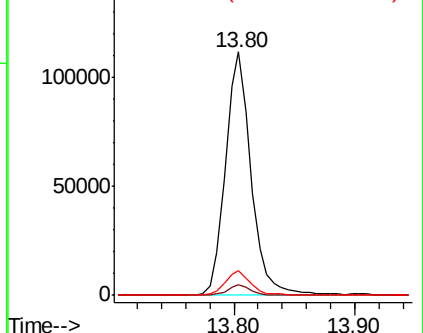
Tgt Ion:	163	Resp:	165251
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.1	7.8	11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

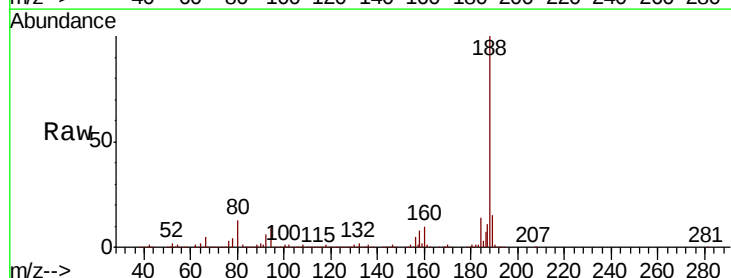
RT: 17.09 min Scan# 2381

Delta R.T. -0.02 min

Lab File: BM018972.D

Acq: 28 Feb 2019 16:50

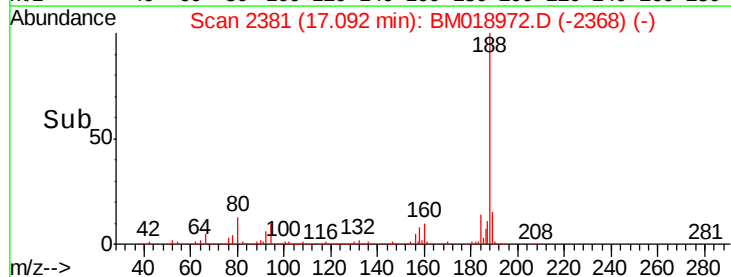
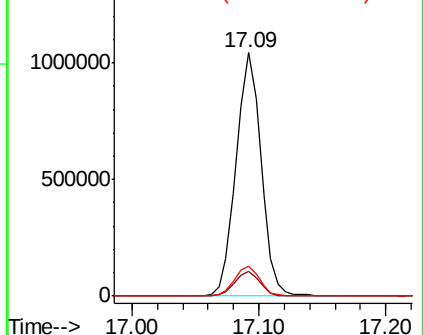
Tgt Ion:	188	Resp:	1432144
Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.2
80	12.5	9.7	14.5

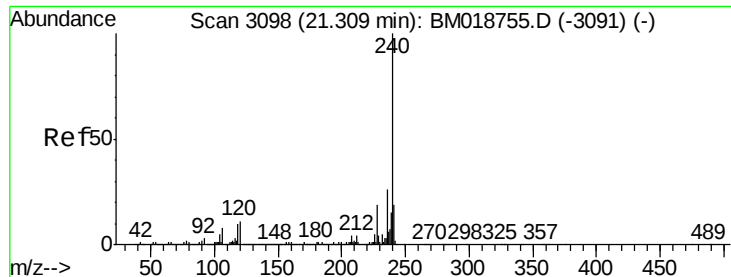


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

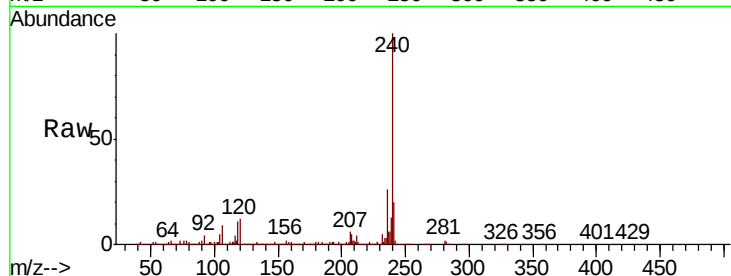




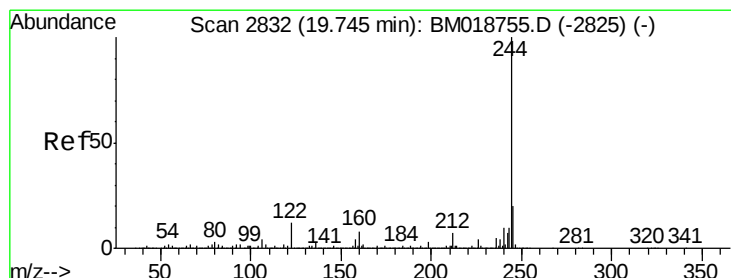
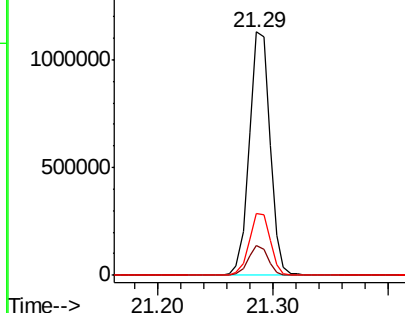
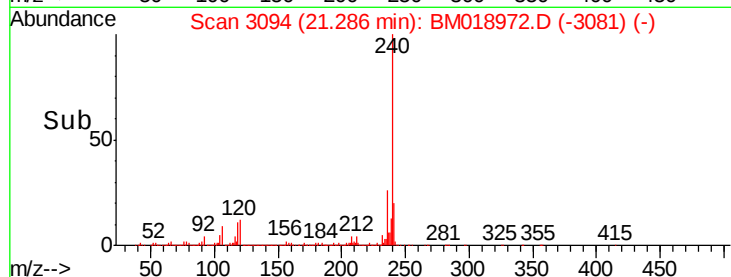
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BM018972.D
Acq: 28 Feb 2019 16:50

Instrument :
BNA_M
ClientSampleId :
PE-2(SOUTH-SITE-WALL)

Tgt Ion:240 Resp: 1415212
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 25.5 20.9 31.3

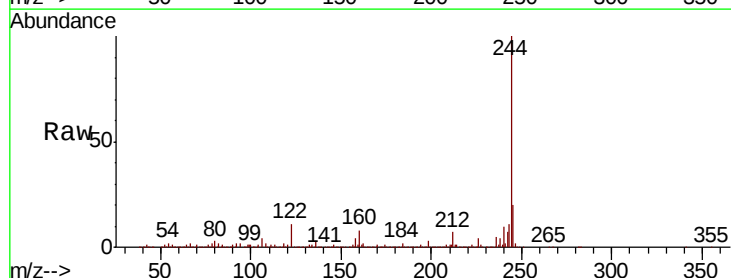


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

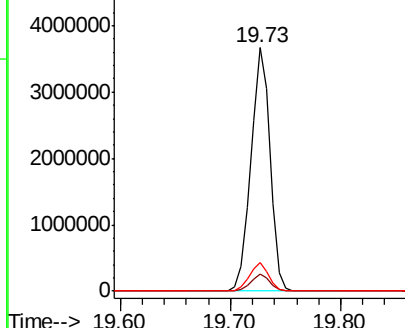
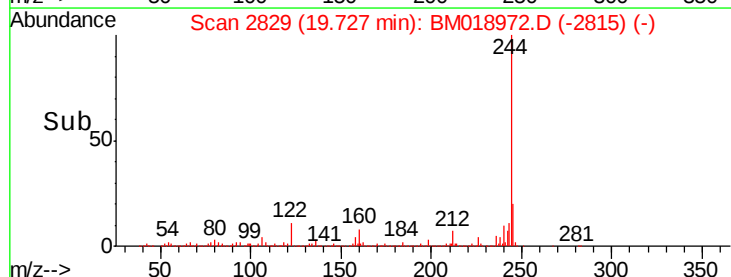


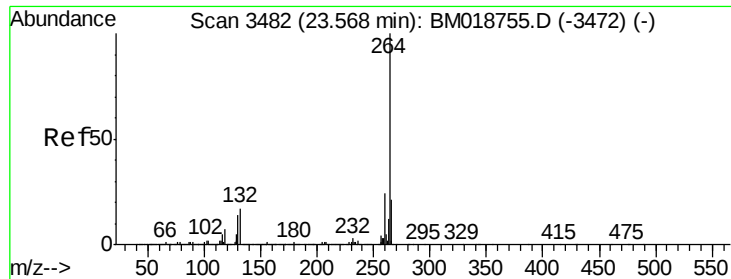
#79
Terphenyl-d14
Concen: 65.200 ng
RT: 19.73 min Scan# 2829
Delta R.T. -0.02 min
Lab File: BM018972.D
Acq: 28 Feb 2019 16:50

Tgt Ion:244 Resp: 4472902
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 11.5 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: BM018972.D

Acq: 28 Feb 2019 16:50

Instrument :

BNA_M

ClientSampleId :

PE-2(SOUTH-SITE-WALL)

Tgt Ion:264 Resp: 1254234

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.0 17.3 25.9

