

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022819\
 Data File : BM018975.D
 Acq On : 28 Feb 2019 18:38
 Operator : JU/SJ
 Sample : K1638-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PE-5(BELOW-EXPOSED-PIPE)

Quant Time: Mar 01 01:37:06 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

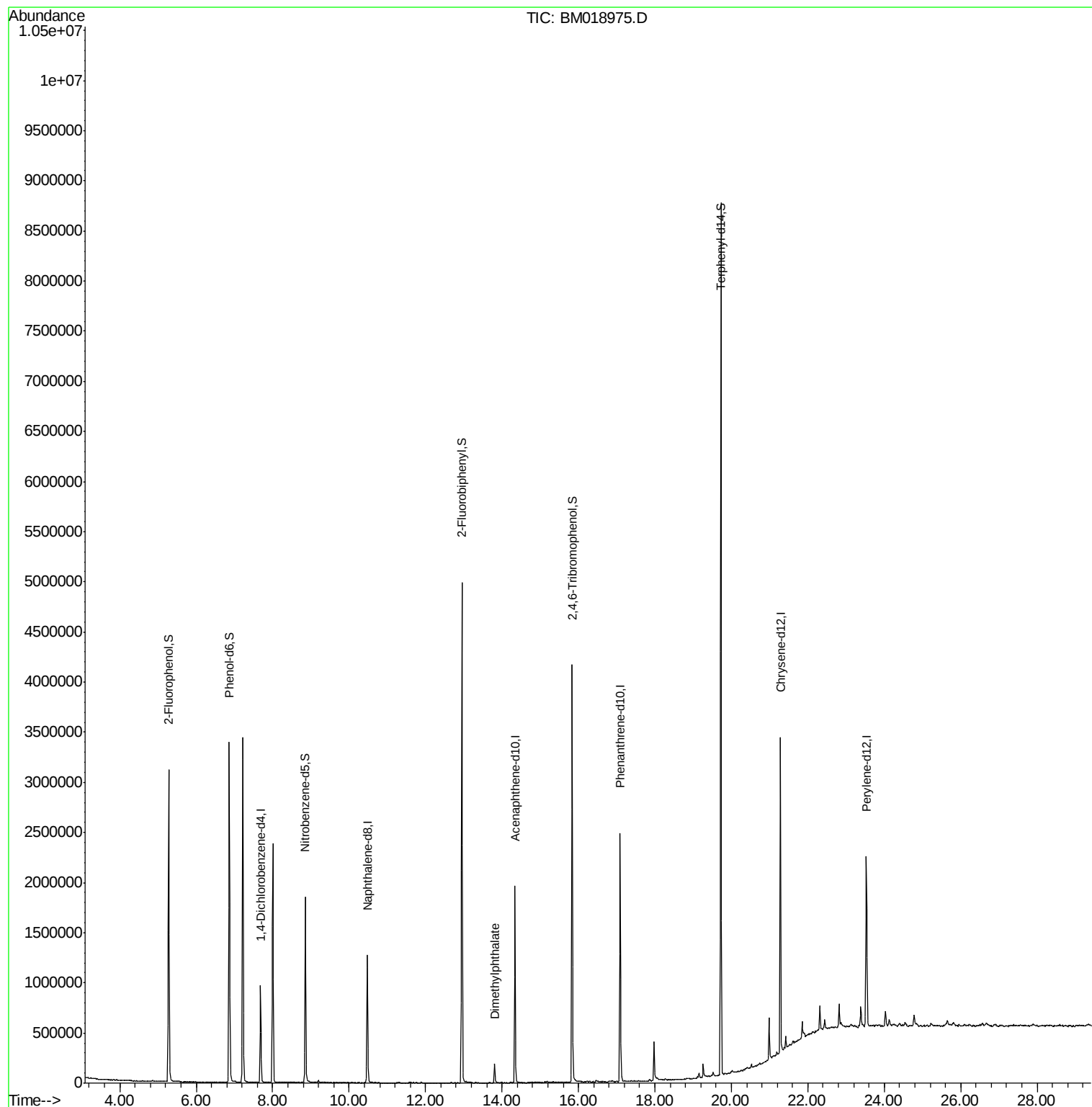
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	242028	20.00	ng	-0.03
21) Naphthalene-d8	10.47	136	1059584	20.00	ng	-0.03
39) Acenaphthene-d10	14.34	164	612820	20.00	ng	-0.02
64) Phenanthrene-d10	17.09	188	1390514	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1338326	20.00	ng	-0.02
87) Perylene-d12	23.53	264	1190364	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1327322	89.86	ng	-0.02
7) Phenol-d6	6.86	99	1956442	94.02	ng	-0.02
23) Nitrobenzene-d5	8.86	82	1254112	54.73	ng	-0.03
42) 2,4,6-Tribromophenol	15.84	330	763069	86.38	ng	-0.02
45) 2-Fluorobiphenyl	12.95	172	2383037	51.62	ng	-0.03
79) Terphenyl-d14	19.73	244	3695268	56.96	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.80	163	129466	2.535	ng	Qvalue 99

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

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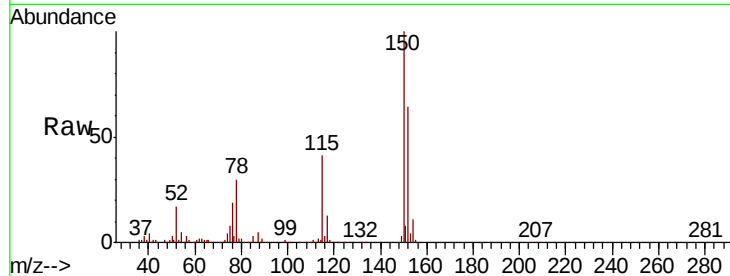


#1

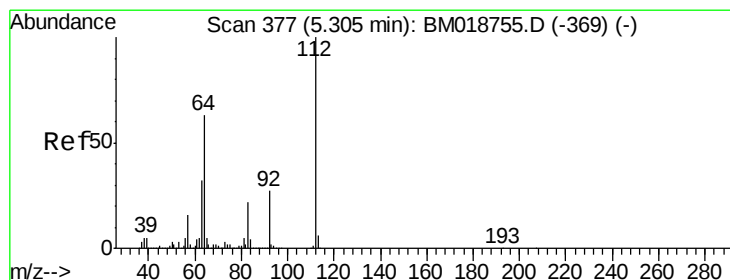
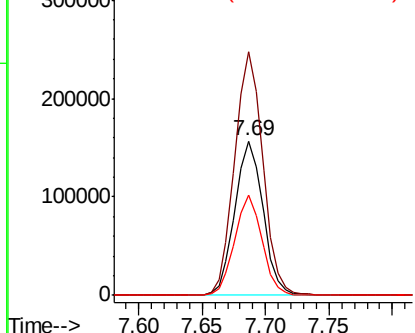
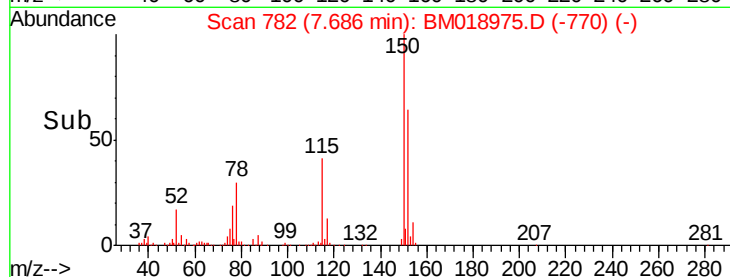
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 782
Delta R.T. -0.03 min
Lab File: BM018975.D
Acq: 28 Feb 2019 18:38

Instrument :
BNA_M
ClientSampleId :
PE-5(BELOW-EXPOSED-PIPE)

Tot Ion:152 Resp: 242028
Ion Ratio Lower Upper
152 100
150 157.5 127.3 190.9
115 65.2 50.8 76.2



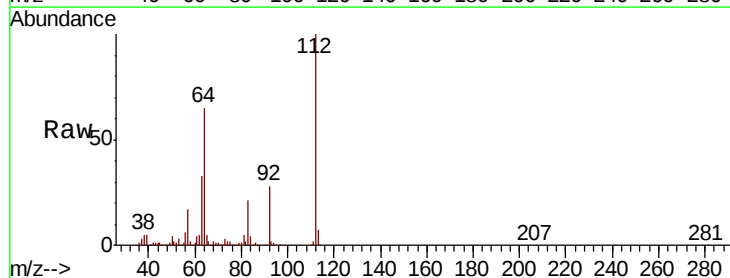
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



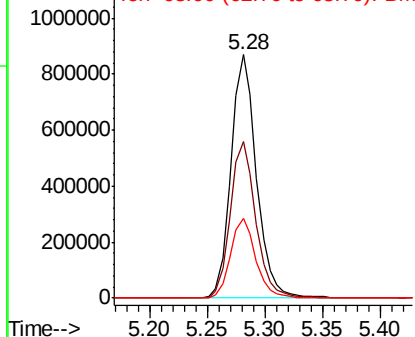
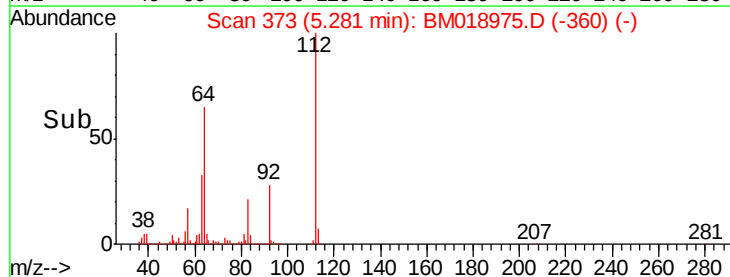
#5

2-Fluorophenol
Concen: 89.857 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM018975.D
Acq: 28 Feb 2019 18:38

Tgt Ion:112 Resp: 1327322
Ion Ratio Lower Upper
112 100
64 64.5 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: 94.017 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018975.D

Acq: 28 Feb 2019 18:38

Instrument :

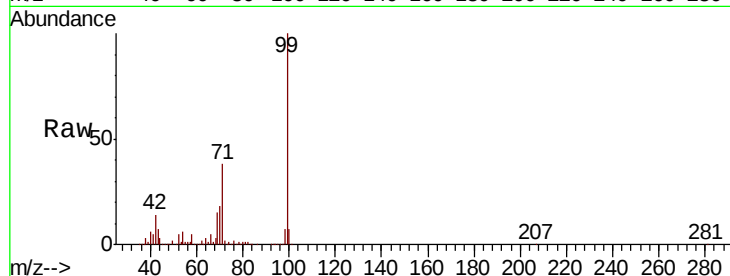
BNA_M

ClientSampleId :

PE-5(BELOW-EXPOSED-PIPE)

Tot Ion: 99 Resp: 1956442

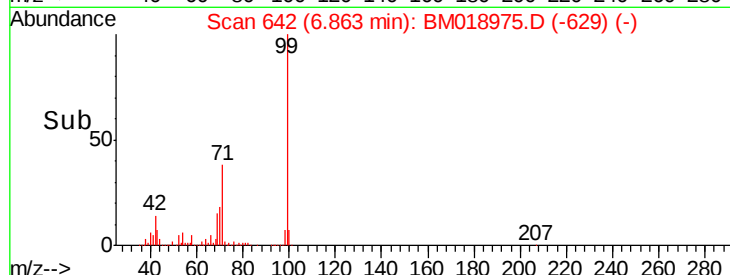
Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.0	16.6
71	38.0	31.3	46.9



Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

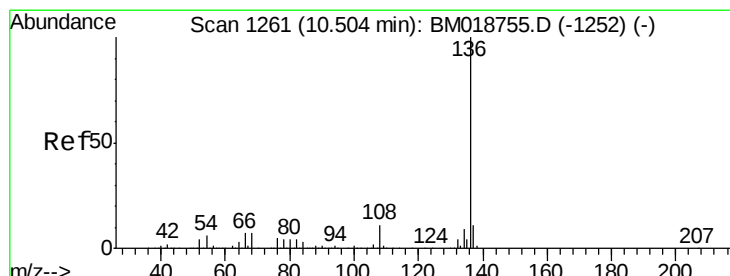
Ion 71.00 (70.70 to 71.70): BM0



Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1256

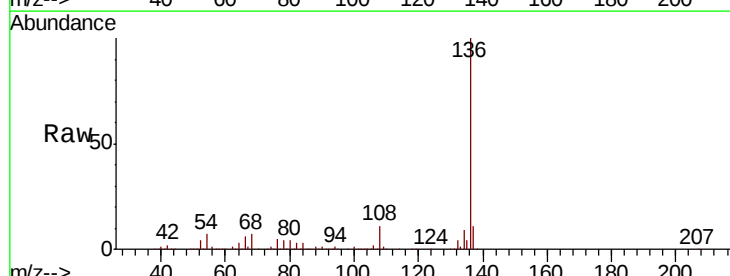
Delta R.T. -0.03 min

Lab File: BM018975.D

Acq: 28 Feb 2019 18:38

Tgt Ion: 136 Resp: 1059584

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.7	5.0	7.6
68	7.3	5.5	8.3

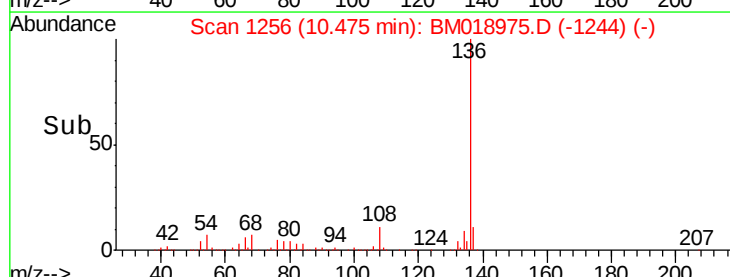


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

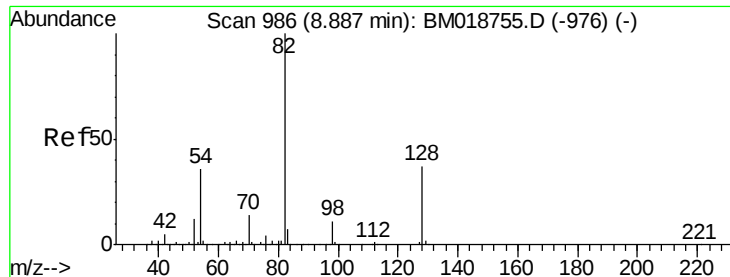


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



#23

Nitrobenzene-d5

Concen: 54.728 ng

RT: 8.86 min Scan# 981

Delta R.T. -0.03 min

Lab File: BM018975.D

Acq: 28 Feb 2019 18:38

Instrument :

BNA_M

ClientSampleId :

PE-5(BELOW-EXPOSED-PIPE)

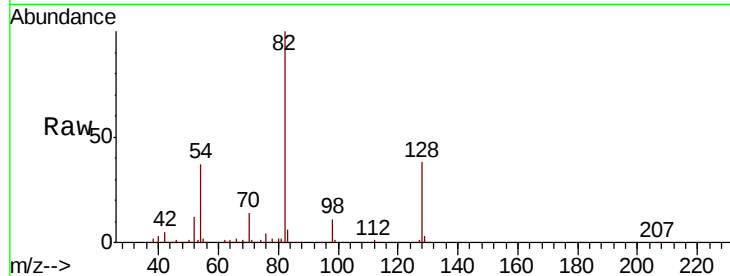
Tot Ion: 82 Resp: 1254112

Ion Ratio Lower Upper

82 100

128 37.6 29.9 44.9

54 36.7 29.1 43.7

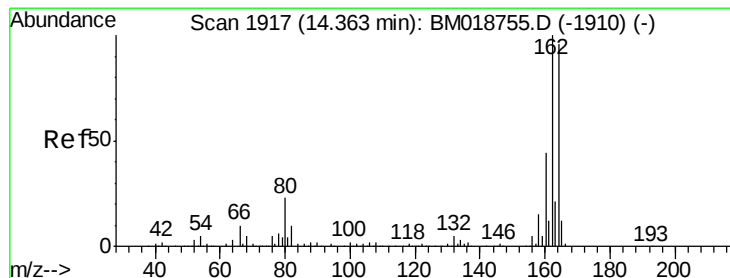
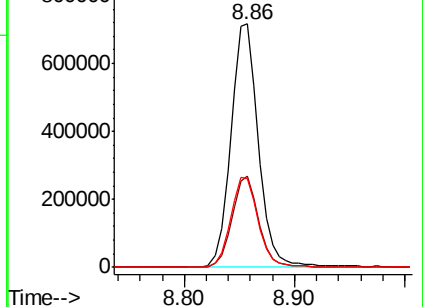
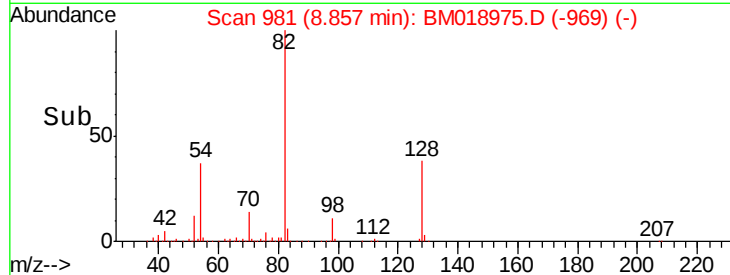


Abundance Ion 82.00 (81.70 to 82.70): BM018975.D (-969) (-)

Ion 128.00 (127.70 to 128.70): BM018975.D (-969) (-)

Ion 54.00 (53.70 to 54.70): BM018975.D (-969) (-)

8.86



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.34 min Scan# 1913

Delta R.T. -0.02 min

Lab File: BM018975.D

Acq: 28 Feb 2019 18:38

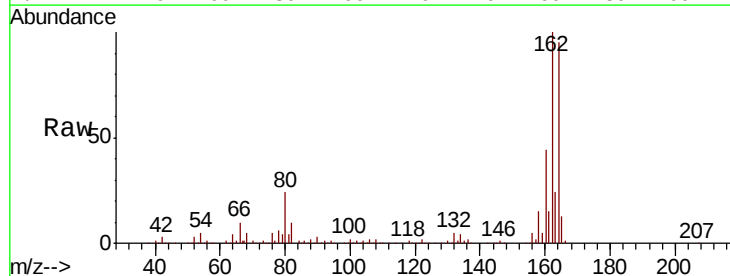
Tgt Ion:164 Resp: 612820

Ion Ratio Lower Upper

164 100

162 104.7 83.4 125.0

160 46.4 36.6 55.0

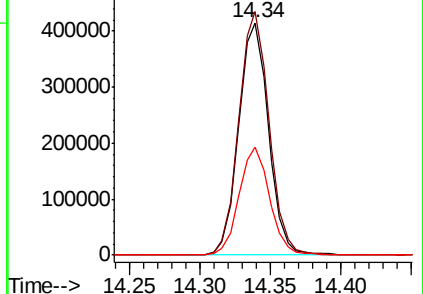
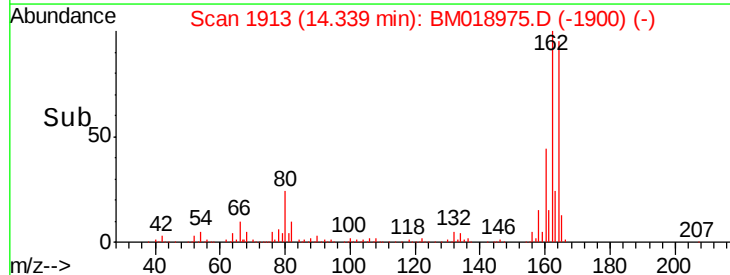


Abundance Ion 164.00 (163.70 to 164.70): BM018975.D (-1900) (-)

Ion 162.00 (161.70 to 162.70): BM018975.D (-1900) (-)

Ion 160.00 (159.70 to 160.70): BM018975.D (-1900) (-)

14.34

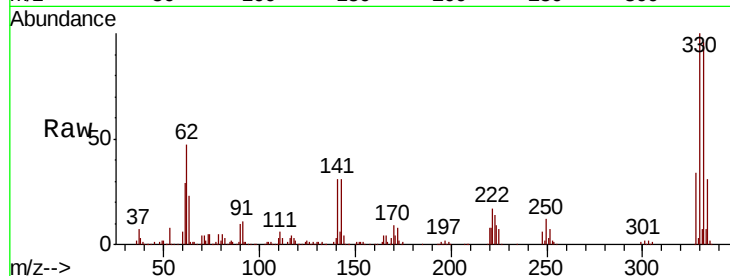




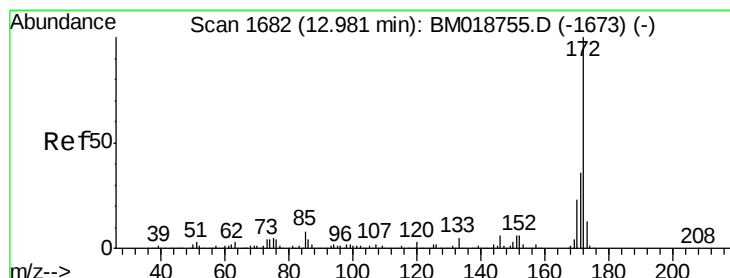
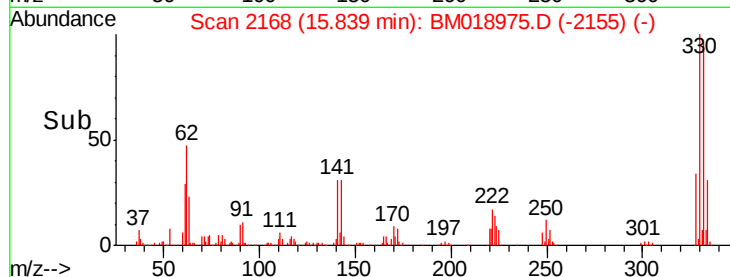
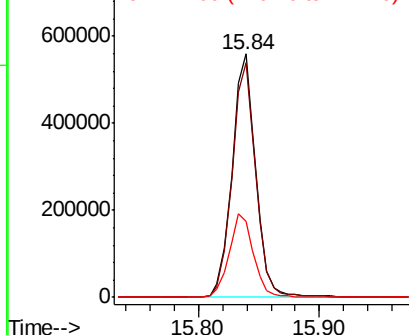
#42
 2,4,6-Tribromophenol
 Concen: 86.382 ng
 RT: 15.84 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BM018975.D
 Acq: 28 Feb 2019 18:38

Instrument :
 BNA_M
 ClientSampleId :
 PE-5(BELOW-EXPOSED-PIPE)

Tot Ion:330 Resp: 763069
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.9 115.3
 141 35.2 28.7 43.1

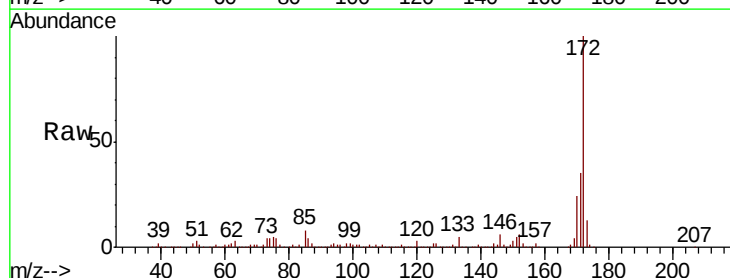


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

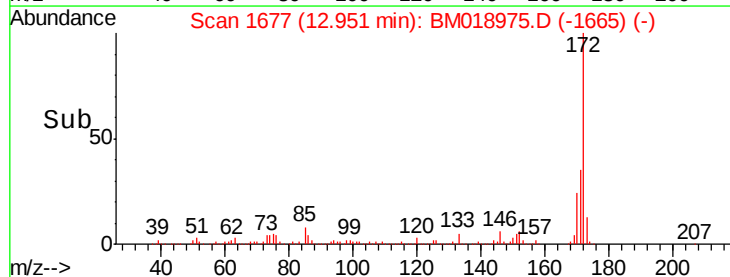
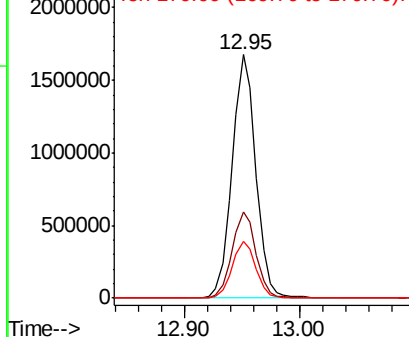


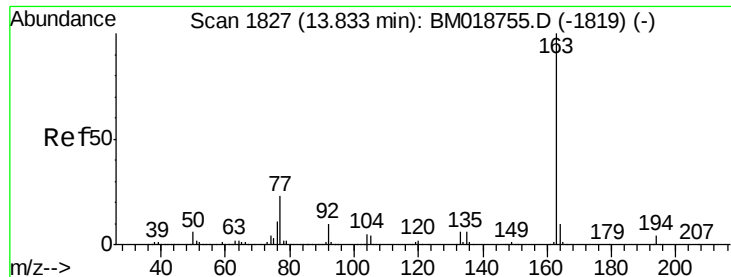
#45
 2-Fluorobiphenyl
 Concen: 51.621 ng
 RT: 12.95 min Scan# 1677
 Delta R.T. -0.03 min
 Lab File: BM018975.D
 Acq: 28 Feb 2019 18:38

Tgt Ion:172 Resp: 2383037
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.0 43.6
 170 23.6 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

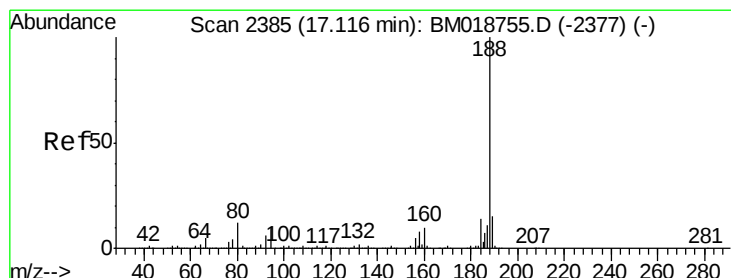
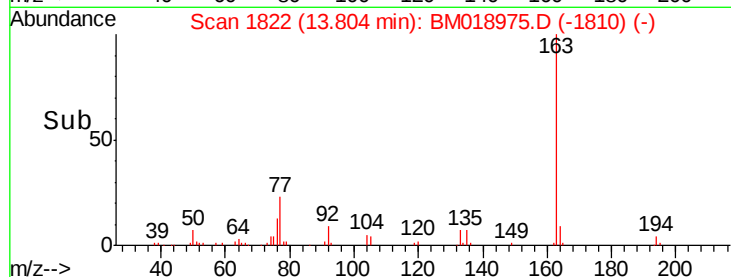
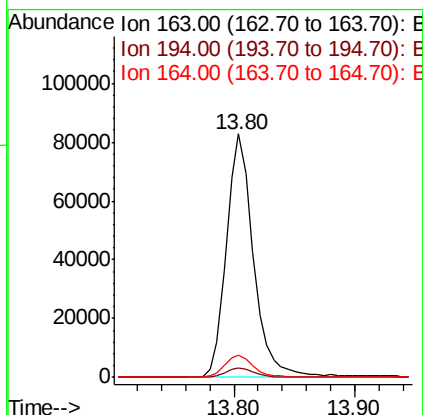
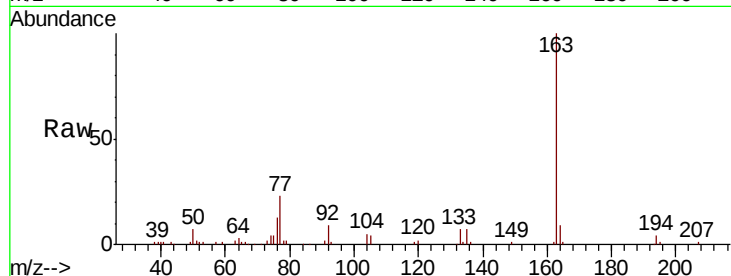




#50
Dimethylphthalate
Concen: 2.535 ng
RT: 13.80 min Scan# 1822
Delta R.T. -0.03 min
Lab File: BM018975.D
Acq: 28 Feb 2019 18:38

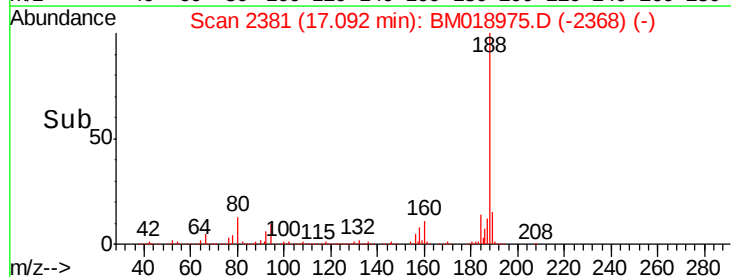
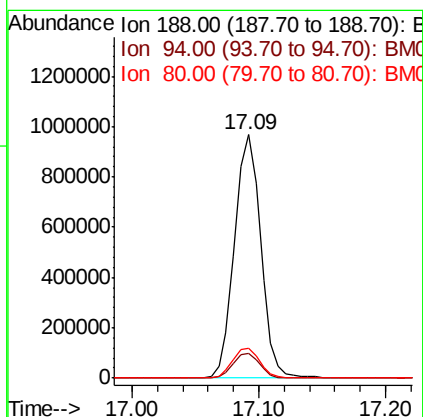
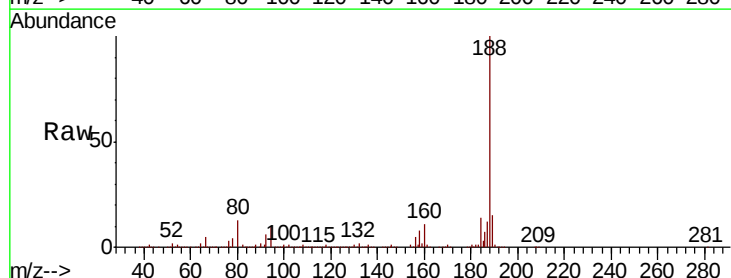
Instrument :
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PE-5(BELOW-EXPOSED-PIPE)

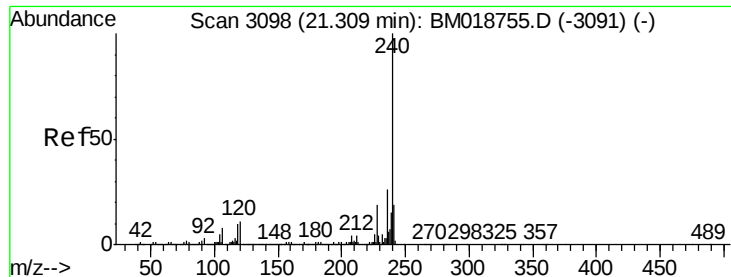
Tot Ion:163 Resp: 129466
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.4 7.8 11.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM018975.D
Acq: 28 Feb 2019 18:38

Tgt Ion:188 Resp: 1390514
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 12.5 9.7 14.5

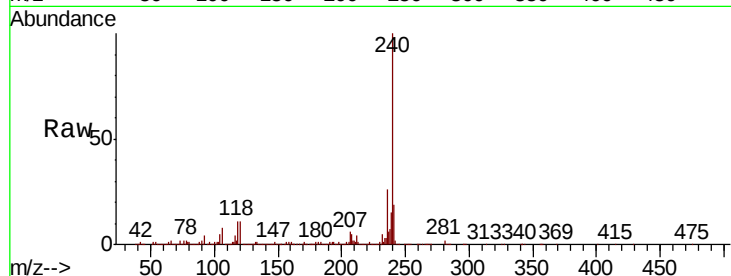




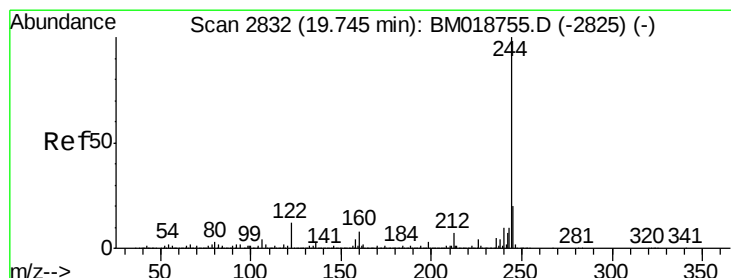
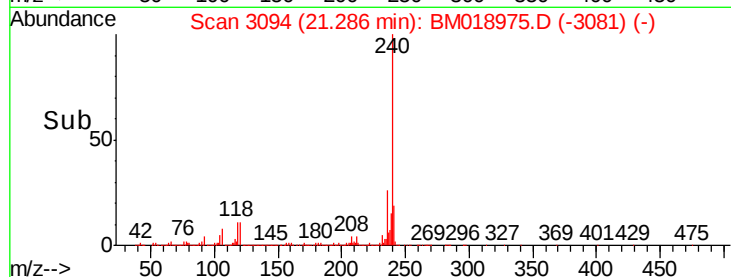
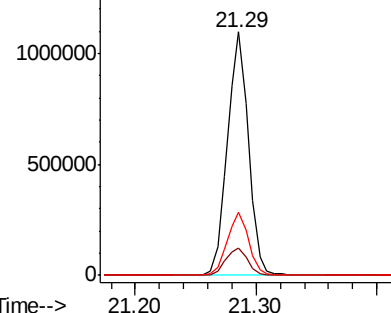
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.29 min Scan# 3094
 Delta R.T. -0.02 min
 Lab File: BM018975.D
 Acq: 28 Feb 2019 18:38

Instrument :
 BNA_M
 ClientSampleId :
 PE-5(BELOW-EXPOSED-PIPE)

Tot Ion:240 Resp: 1338326
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.9 13.3
 236 25.8 20.9 31.3

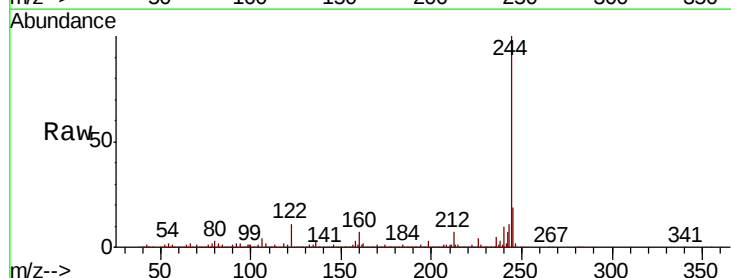


Abundance Ion 240.00 (239.70 to 240.70): E
 1500000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

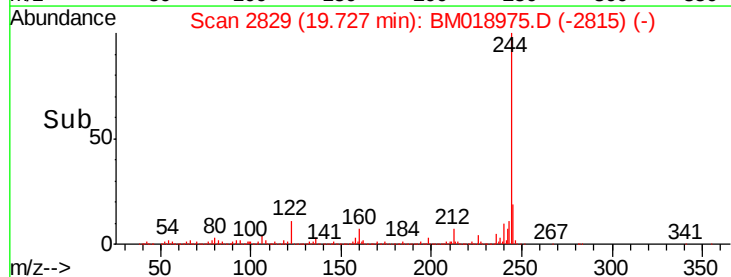
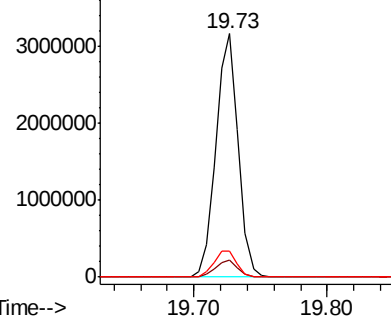


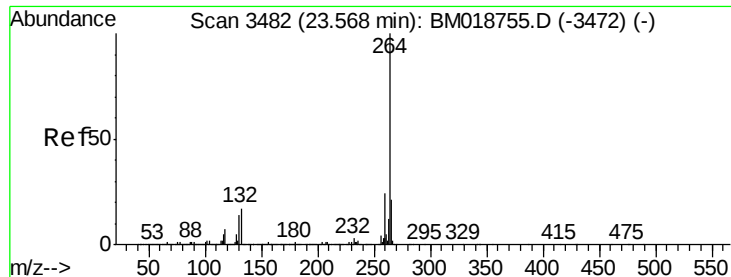
#79
 Terphenyl-d14
 Concen: 56.959 ng
 RT: 19.73 min Scan# 2829
 Delta R.T. -0.02 min
 Lab File: BM018975.D
 Acq: 28 Feb 2019 18:38

Tgt Ion:244 Resp: 3695268
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.9 9.3 13.9



Abundance Ion 244.00 (243.70 to 244.70): E
 4000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.53 min Scan# 3476
 Delta R.T. -0.04 min
 Lab File: BM018975.D
 Acq: 28 Feb 2019 18:38

Instrument :
 BNA_M
 ClientSampleId :
 PE-5(BELOW-EXPOSED-PIPE)

Tot Ion:264 Resp: 1190364
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 22.4 17.3 25.9

