

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
 Data File : BM019273.D
 Acq On : 20 Mar 2019 21:58
 Operator : JU/SJ
 Sample : K1964-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TW-11

Quant Time: Mar 21 17:15:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 17:06:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	218005	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	959151	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	613524	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	1347870	20.00	ng	0.00
76) Chrysene-d12	21.24	240	1064755	20.00	ng	0.00
87) Perylene-d12	23.47	264	963197	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	876356	65.10	ng	0.00
7) Phenol-d6	6.82	99	791051	40.17	ng	0.00
23) Nitrobenzene-d5	8.80	82	1909579	94.11	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	1433409	158.24	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	4411251	93.53	ng	0.00
79) Terphenyl-d14	19.69	244	6426793	119.83	ng	0.00

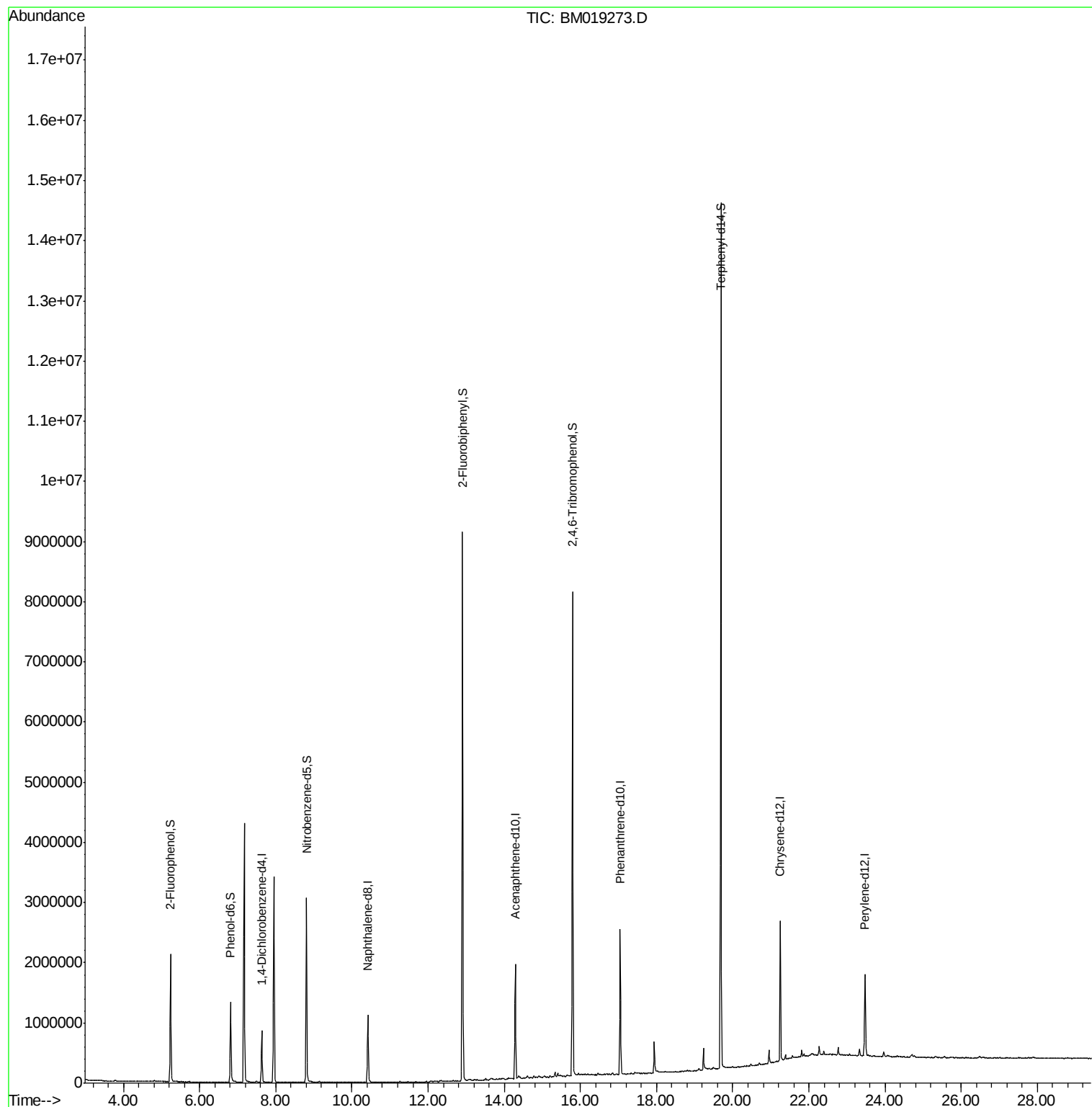
Target Compounds Qvalue

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

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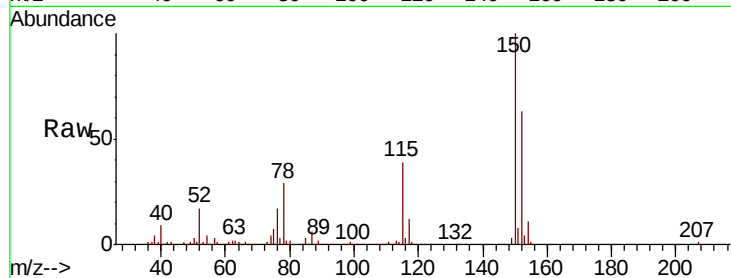


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. 0.00 min
Lab File: BM019273.D
Acq: 20 Mar 2019 21:58

Instrument :
BNA_M
ClientSampleId :
TW-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	123.8	185.6
115	62.0	48.9	73.3

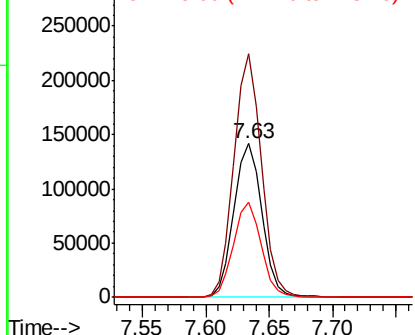
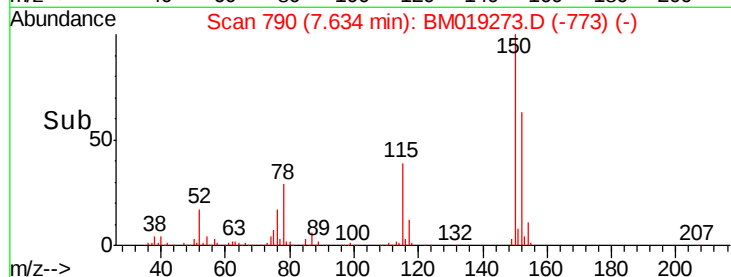


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

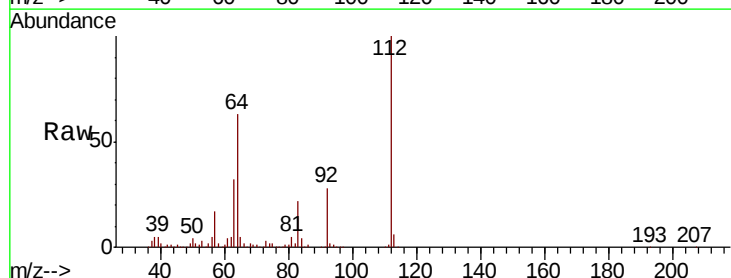
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 65.101 ng
RT: 5.23 min Scan# 382
Delta R.T. 0.00 min
Lab File: BM019273.D
Acq: 20 Mar 2019 21:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	50.6	75.8
63	32.0	25.8	38.6

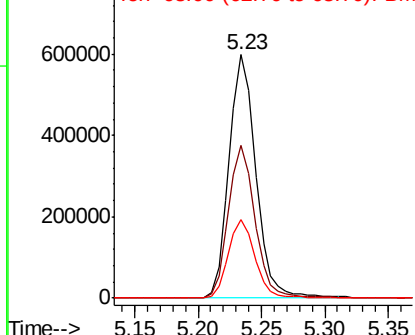
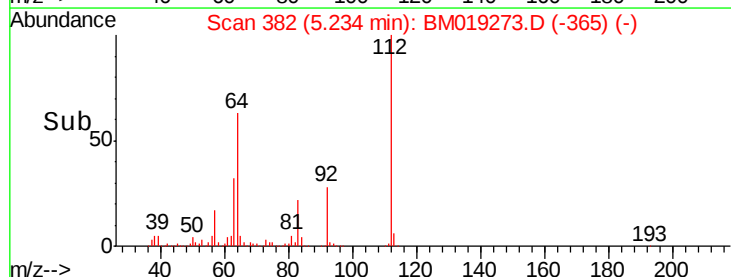


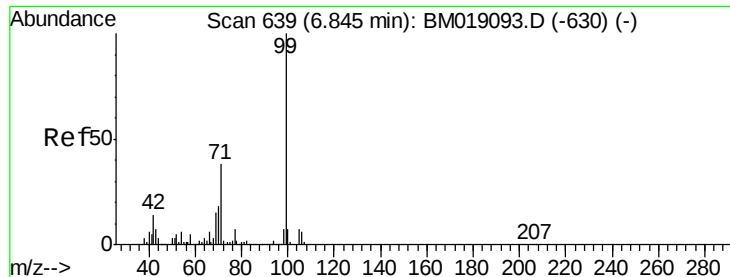
Abundance

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: 40.175 ng

RT: 6.82 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM019273.D

Acq: 20 Mar 2019 21:58

Instrument :

BNA_M

ClientSampleId :

TW-11

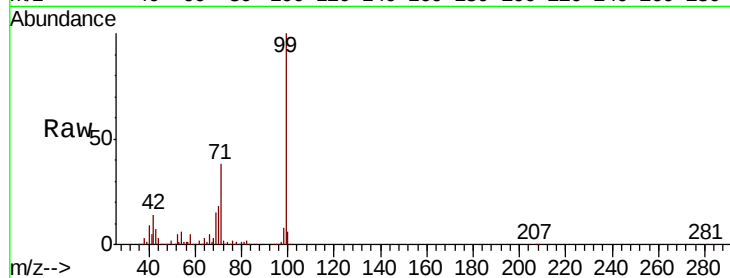
Tot Ion: 99 Resp: 791051

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

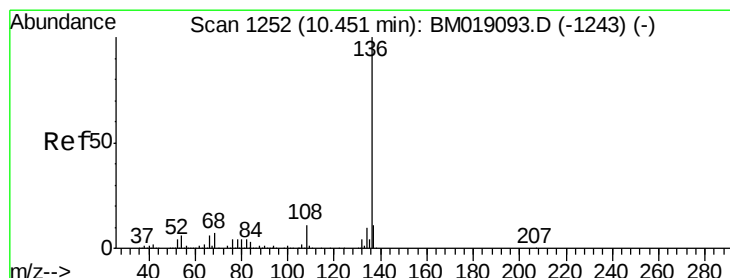
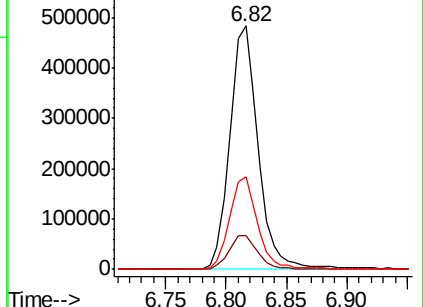
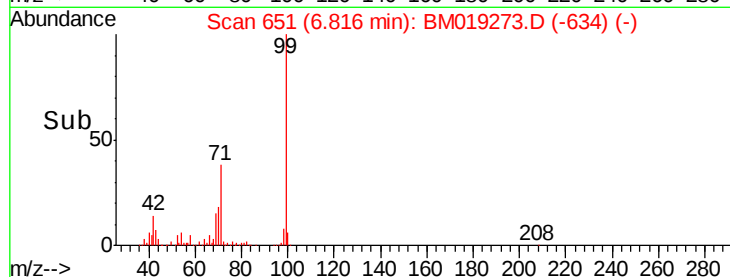
71 38.1 30.1 45.1



Abundance Ion 99.00 (98.70 to 99.70): BM019273.D (-634) (-)

Ion 42.00 (41.70 to 42.70): BM019273.D (-634) (-)

Ion 71.00 (70.70 to 71.70): BM019273.D (-634) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BM019273.D

Acq: 20 Mar 2019 21:58

Tgt Ion: 136 Resp: 959151

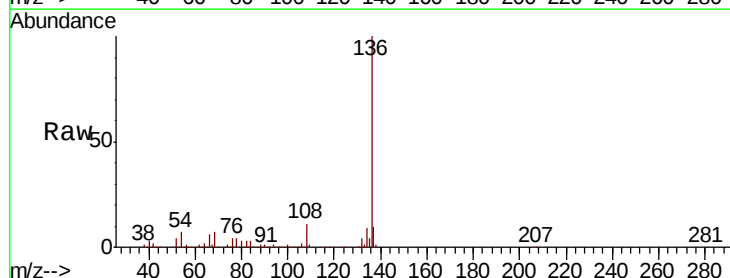
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 6.7 5.5 8.3

68 7.0 6.0 9.0

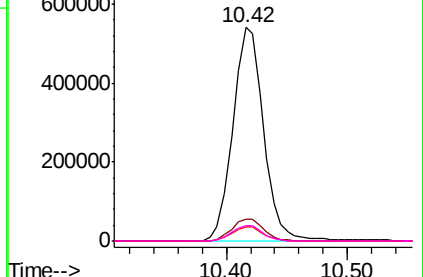
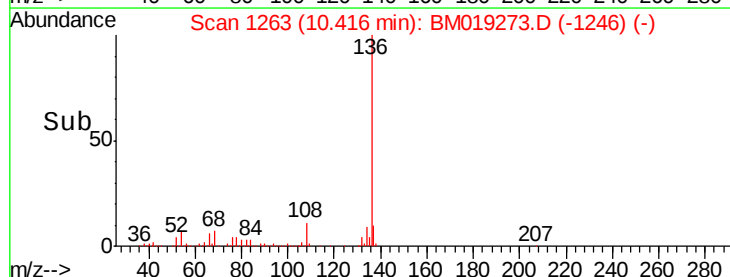


Abundance Ion 136.00 (135.70 to 136.70): BM019273.D (-1246) (-)

Ion 137.00 (136.70 to 137.70): BM019273.D (-1246) (-)

Ion 54.00 (53.70 to 54.70): BM019273.D (-1246) (-)

Ion 68.00 (67.70 to 68.70): BM019273.D (-1246) (-)





#23

Nitrobenzene-d5

Concen: 94.110 ng

RT: 8.80 min Scan# 989

Delta R.T. 0.00 min

Lab File: BM019273.D

Acq: 20 Mar 2019 21:58

Instrument :

BNA_M

ClientSampleId :

TW-11

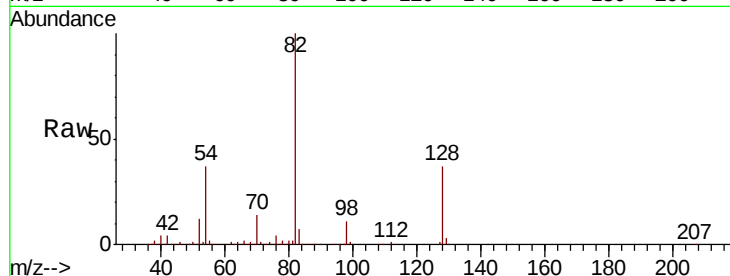
Tot Ion: 82 Resp: 1909579

Ion Ratio Lower Upper

82 100

128 37.3 30.2 45.4

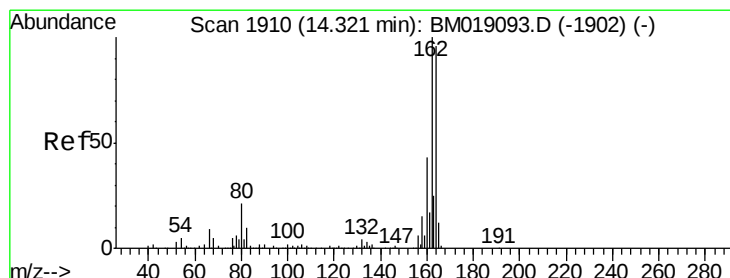
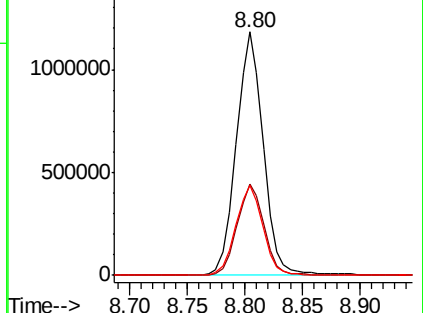
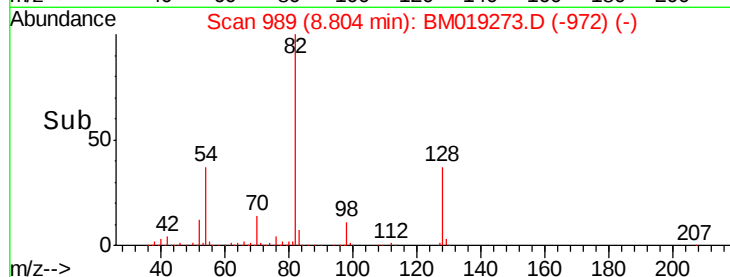
54 36.8 30.2 45.2



Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-968) (-)

Ion 128.00 (127.70 to 128.70): BM019093.D (-968) (-)

Ion 54.00 (53.70 to 54.70): BM019093.D (-968) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BM019273.D

Acq: 20 Mar 2019 21:58

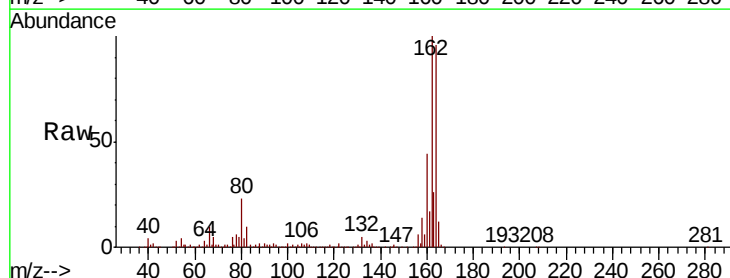
Tgt Ion:164 Resp: 613524

Ion Ratio Lower Upper

164 100

162 104.6 84.1 126.1

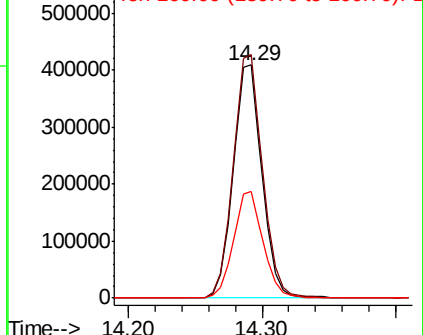
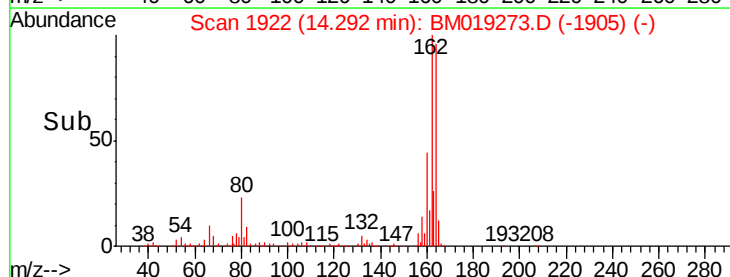
160 45.9 36.5 54.7

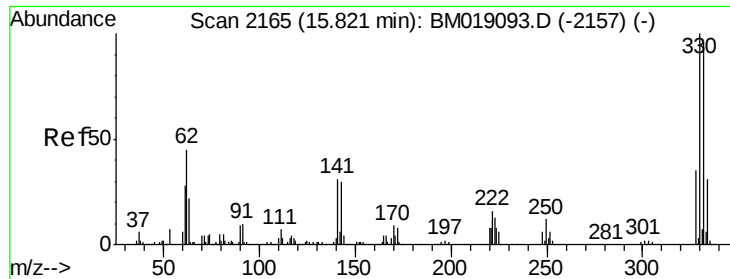


Abundance Ion 164.00 (163.70 to 164.70): BM019093.D (-1902) (-)

Ion 162.00 (161.70 to 162.70): BM019093.D (-1902) (-)

Ion 160.00 (159.70 to 160.70): BM019093.D (-1902) (-)

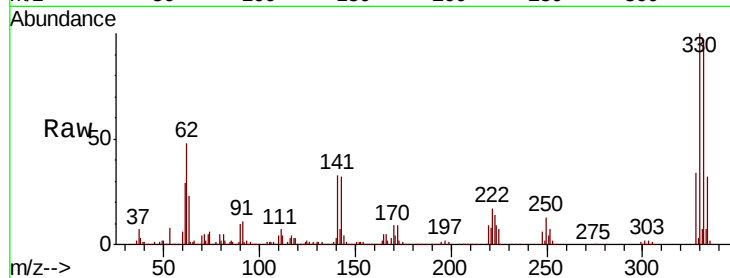




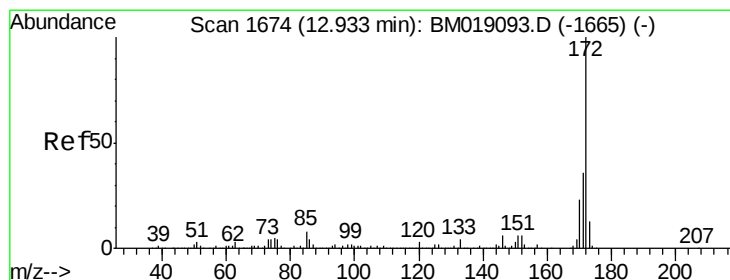
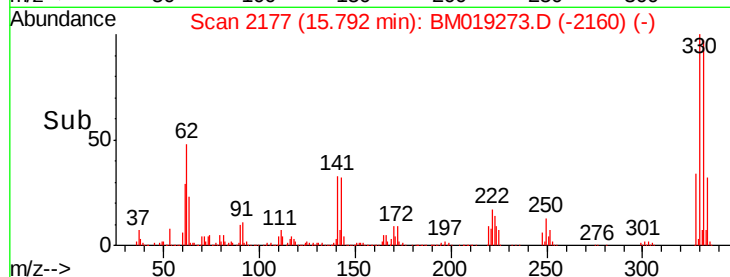
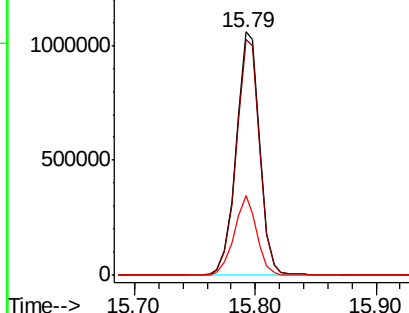
#42
 2,4,6-Tribromophenol
 Concen: 158.240 ng
 RT: 15.79 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: BM019273.D
 Acq: 20 Mar 2019 21:58

Instrument :
 BNA_M
 ClientSampled :
 TW-11

Tot Ion:330 Resp: 1433409
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.6 116.4
 141 31.6 25.7 38.5

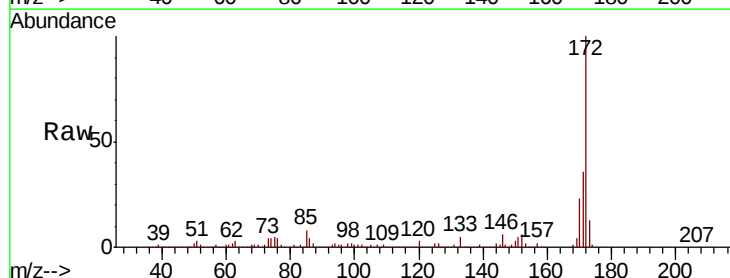


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

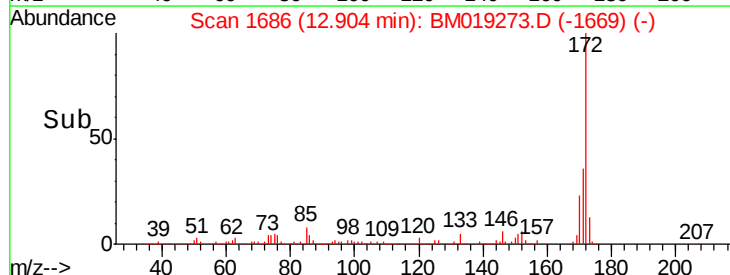
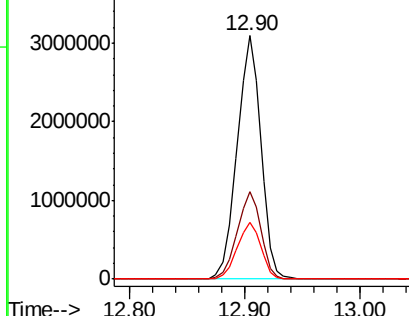


#45
 2-Fluorobiphenyl
 Concen: 93.525 ng
 RT: 12.90 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: BM019273.D
 Acq: 20 Mar 2019 21:58

Tgt Ion:172 Resp: 4411251
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.4
 170 23.3 18.9 28.3



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

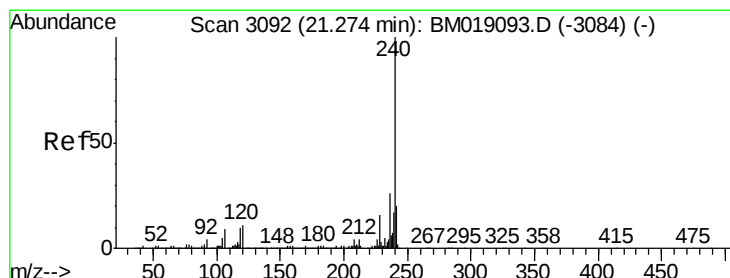
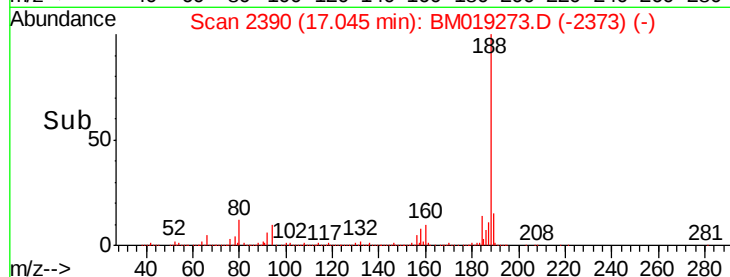
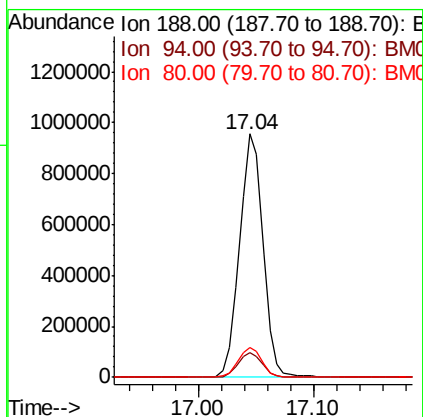
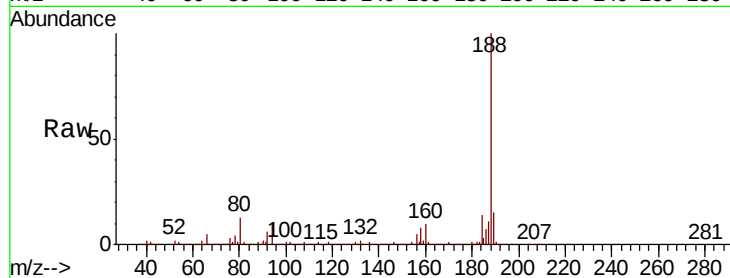




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BM019273.D
Acq: 20 Mar 2019 21:58

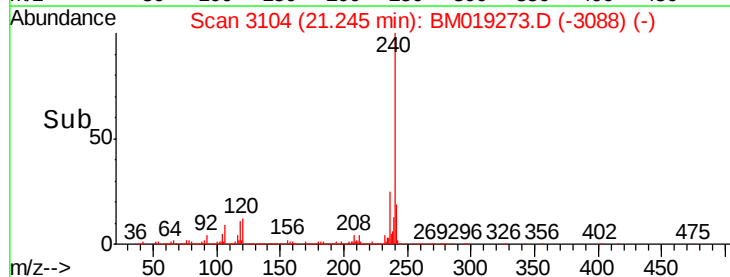
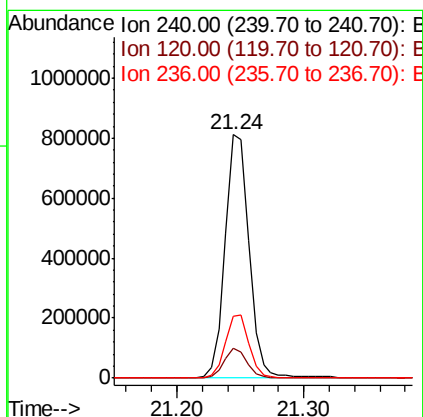
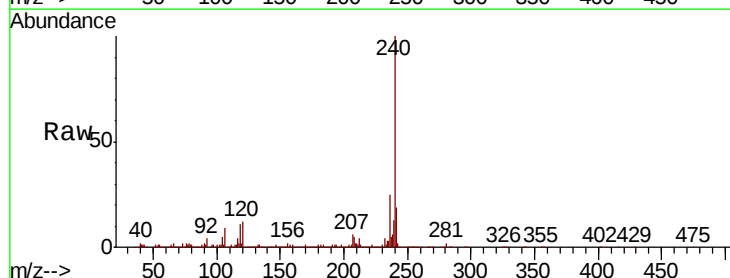
Instrument :
BNA_M
ClientSampleId :
TW-11

Tot Ion:188 Resp: 1347870
Ion Ratio Lower Upper
188 100
94 10.3 8.7 13.1
80 12.5 9.8 14.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM019273.D
Acq: 20 Mar 2019 21:58

Tgt Ion:240 Resp: 1064755
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 25.5 20.3 30.5

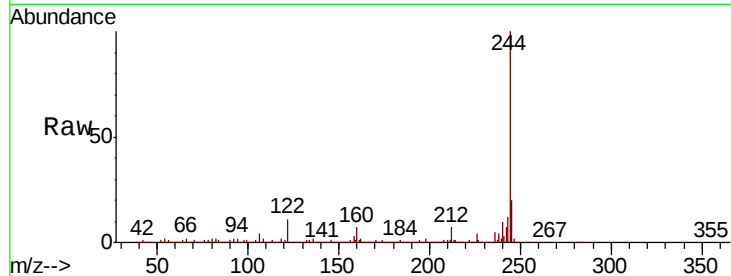




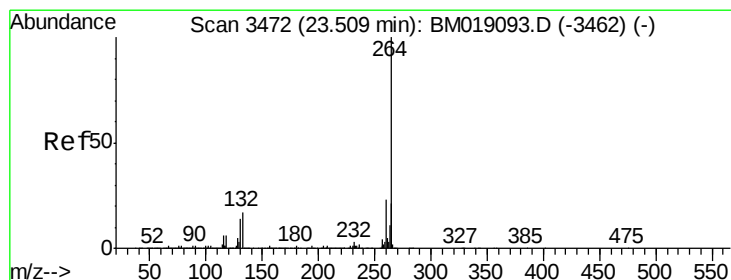
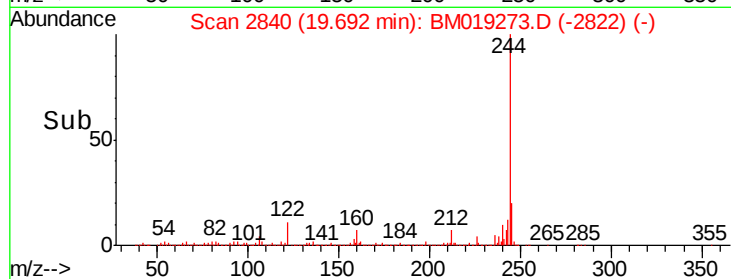
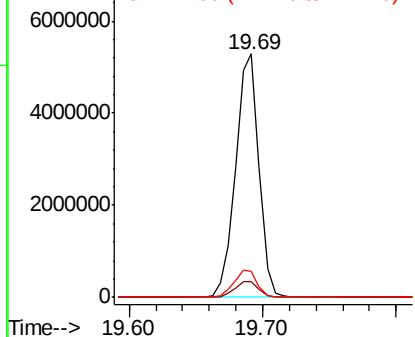
#79
 Terphenyl-d14
 Concen: 119.827 ng
 RT: 19.69 min Scan# 2840
 Delta R.T. 0.01 min
 Lab File: BM019273.D
 Acq: 20 Mar 2019 21:58

Instrument :
 BNA_M
 ClientSampleId :
 TW-11

Tot Ion:244 Resp: 6426793
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.8 9.6 14.4

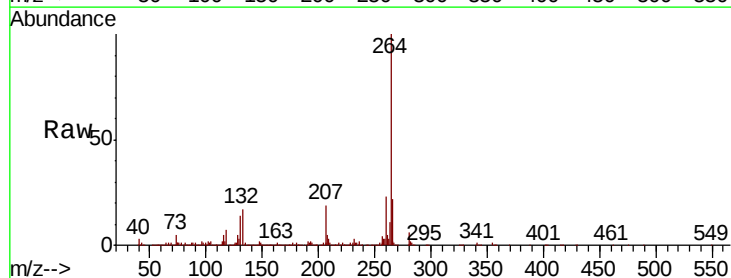


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.47 min Scan# 3483
 Delta R.T. 0.00 min
 Lab File: BM019273.D
 Acq: 20 Mar 2019 21:58

Tgt Ion:264 Resp: 963197
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 22.2 17.6 26.4



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

