

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019119.D
 Acq On : 12 Mar 2019 19:31
 Operator : JU/SJ
 Sample : K1842-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR-MW-03_030819

Quant Time: Mar 13 03:55:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	235303	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	986913	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	637984	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1441940	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1328459	20.00	ng	0.00
87) Perylene-d12	23.51	264	1150357	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1018944	70.13	ng	0.00
7) Phenol-d6	6.84	99	924758	43.51	ng	0.00
23) Nitrobenzene-d5	8.83	82	2098589	100.52	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1552458	164.81	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	4690223	95.63	ng	0.00
79) Terphenyl-d14	19.71	244	7554745	112.90	ng	0.00

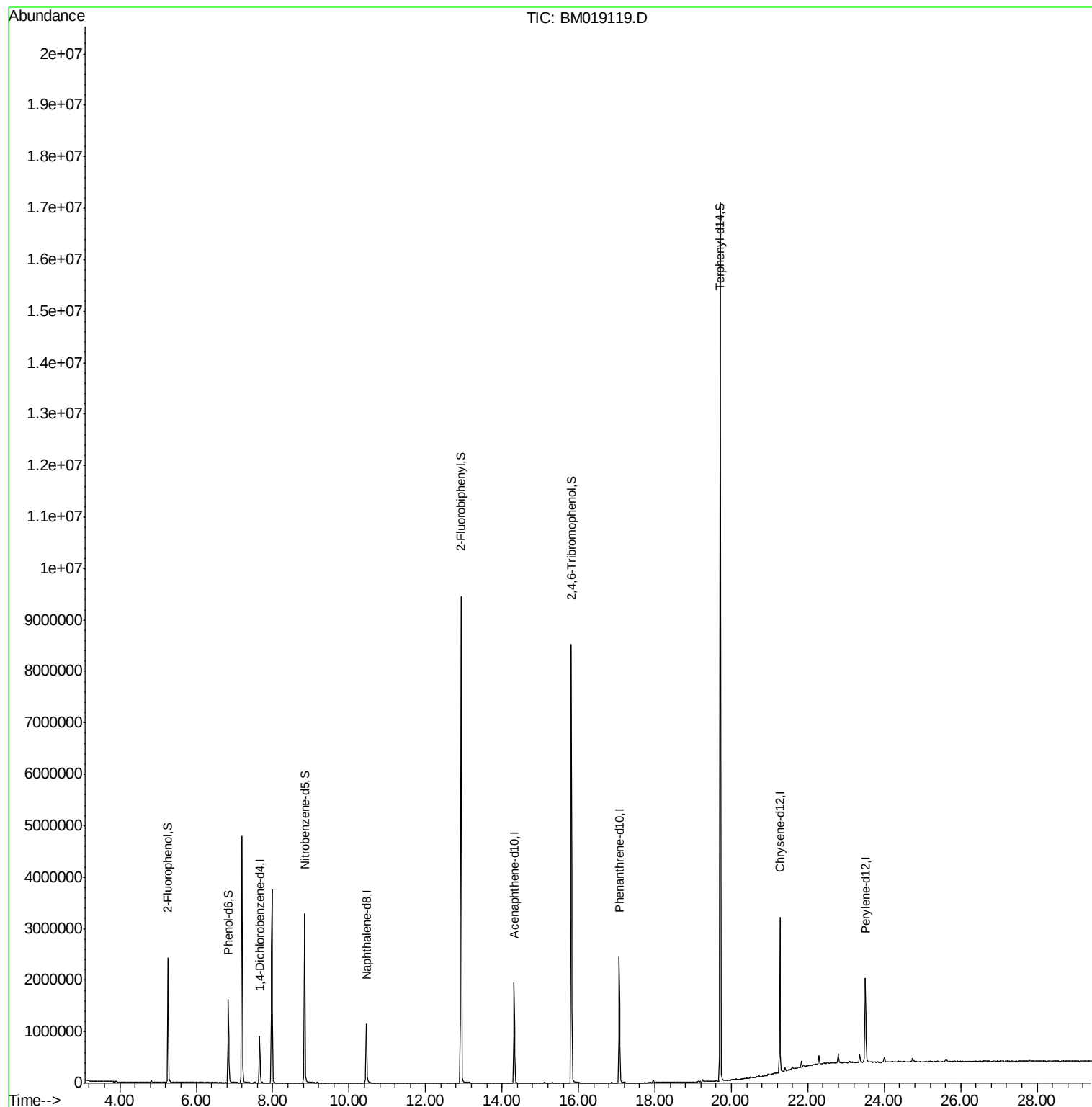
Target Compounds Qvalue

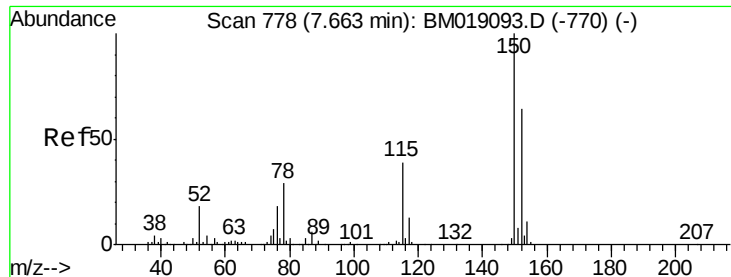
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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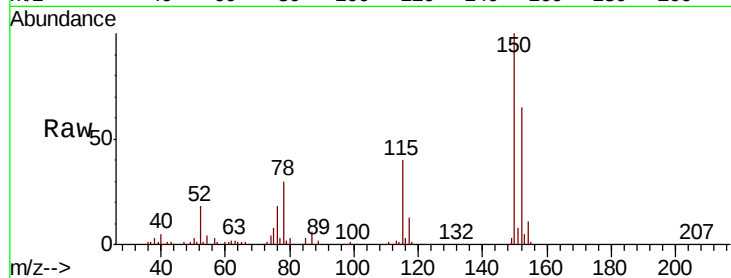


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BM019119.D
Acq: 12 Mar 2019 19:31

Instrument :
BNA_M
ClientSampleId :
PR-MW-03_030819

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.3	187.9
115	61.2	49.4	74.0

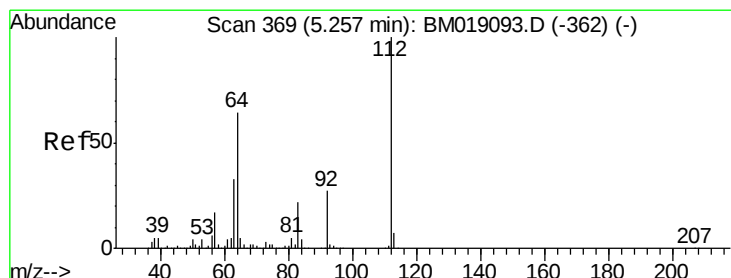
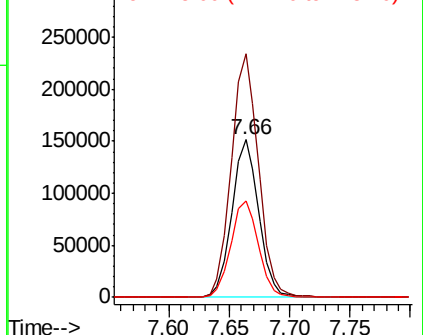
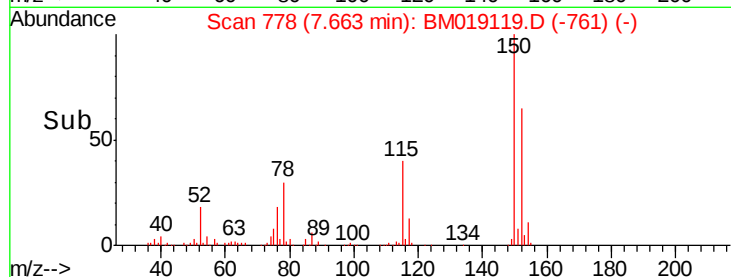


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

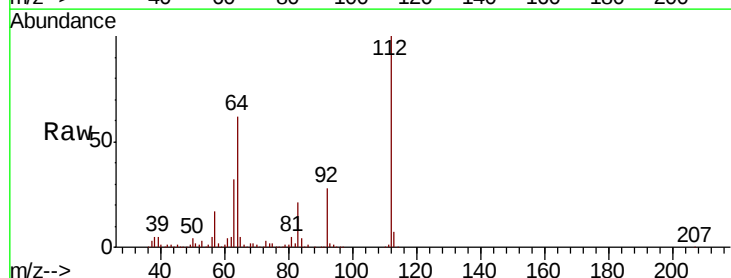
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 70.129 ng
RT: 5.26 min Scan# 370
Delta R.T. 0.01 min
Lab File: BM019119.D
Acq: 12 Mar 2019 19:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	51.4	77.0
63	32.2	26.6	40.0

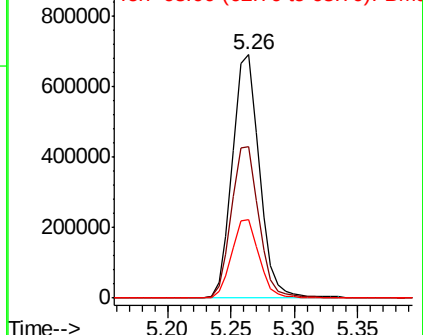
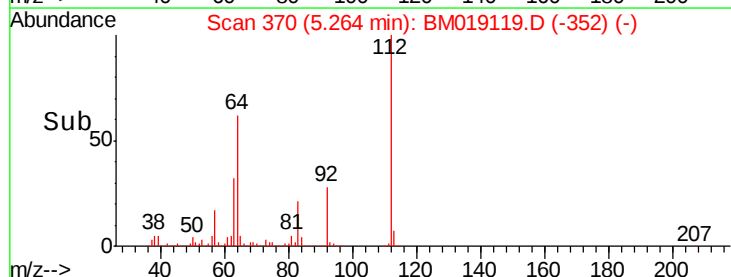


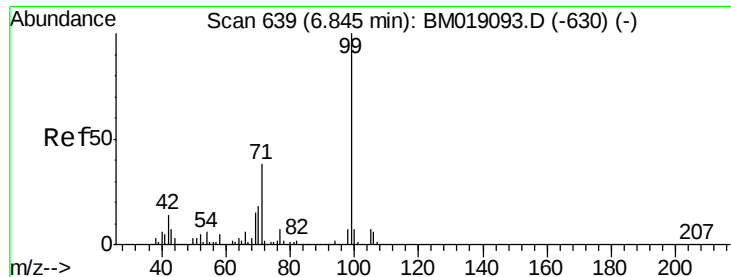
Abundance

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: 43.513 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM019119.D

Acq: 12 Mar 2019 19:31

Instrument :

BNA_M

ClientSampleId :

PR-MW-03_030819

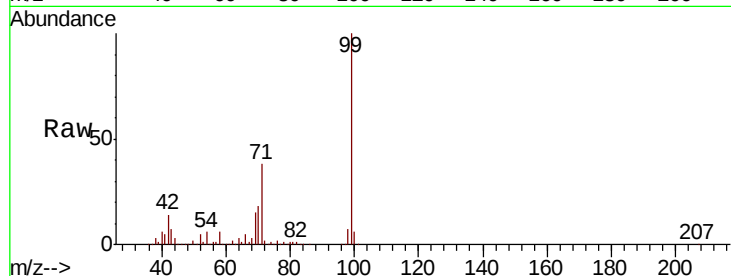
Tot Ion: 99 Resp: 924758

Ion Ratio Lower Upper

99 100

42 13.9 10.9 16.3

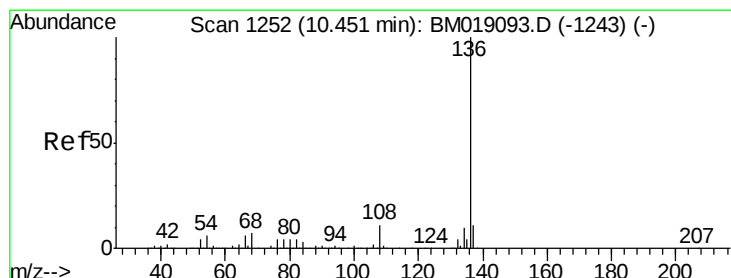
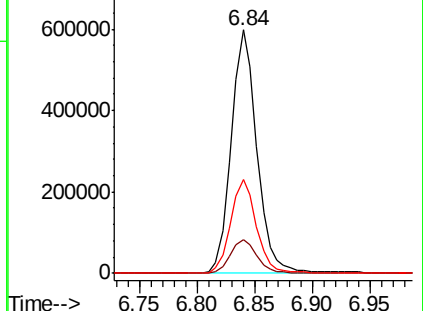
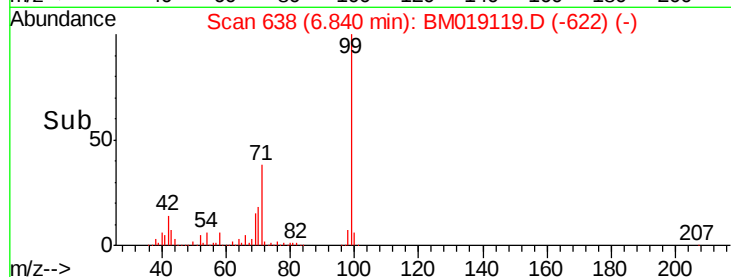
71 38.4 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019119.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM019119.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM019119.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM019119.D

Acq: 12 Mar 2019 19:31

Tgt Ion: 136 Resp: 986913

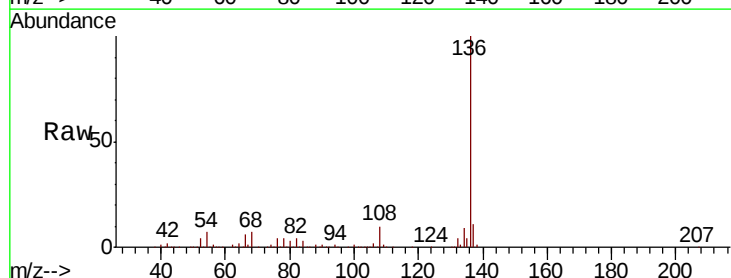
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 6.9 5.2 7.8

68 7.0 5.8 8.8

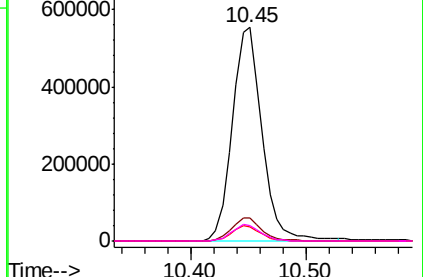
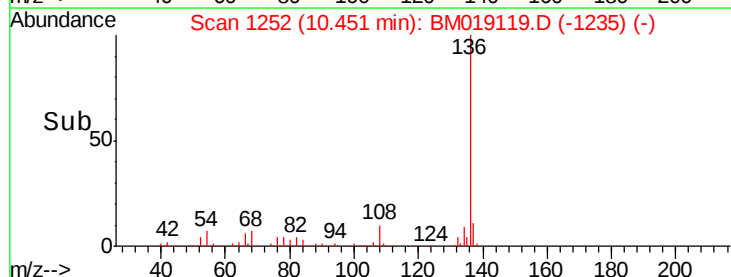


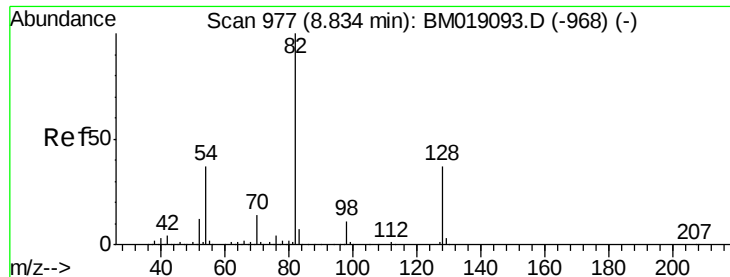
Abundance Ion 136.00 (135.70 to 136.70): BM019119.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM019119.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM019119.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM019119.D (-1235) (-)

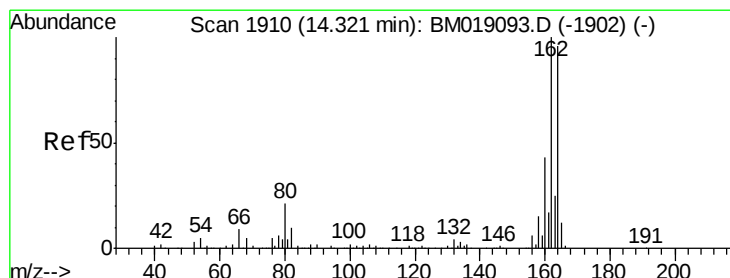
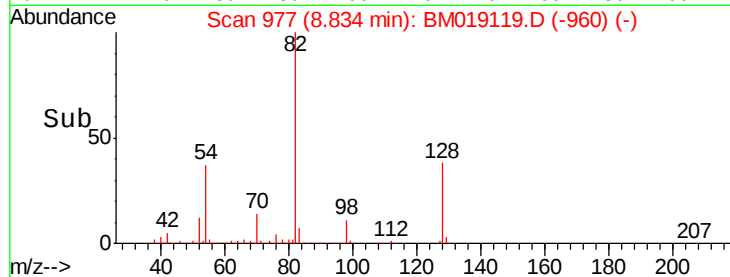
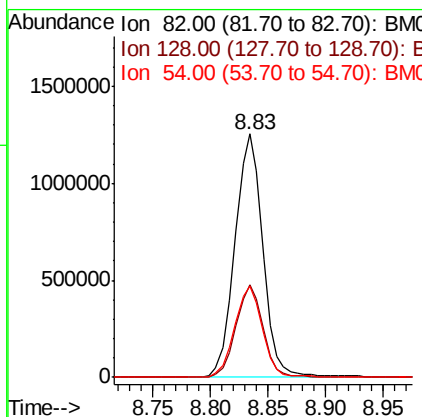
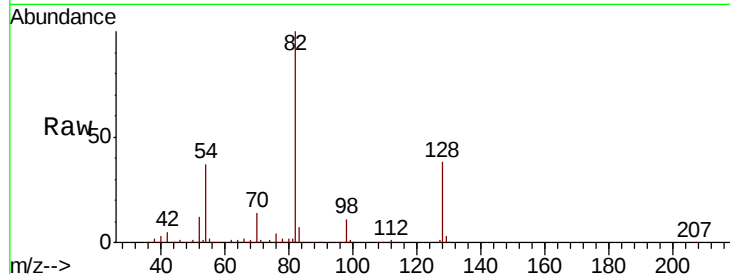




#23
Nitrobenzene-d5
Concen: 100.516 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM019119.D
Acq: 12 Mar 2019 19:31

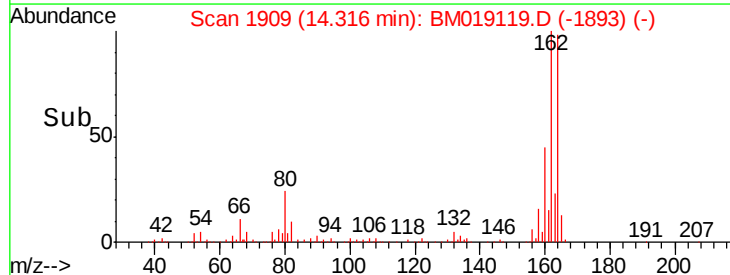
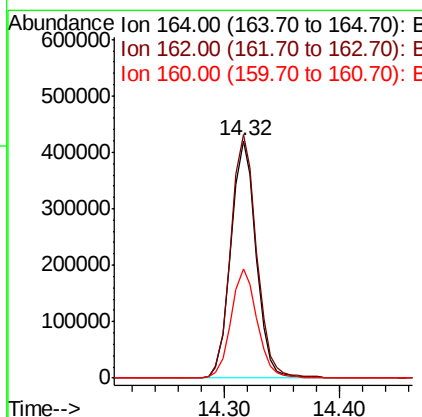
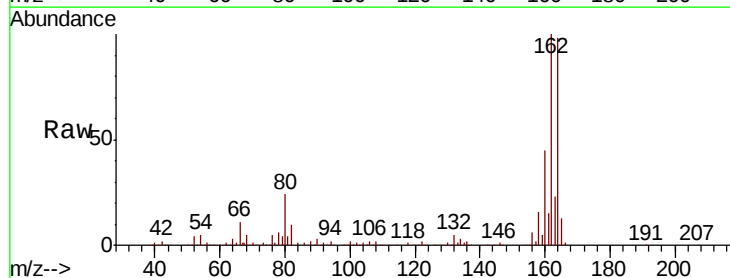
Instrument :
BNA_M
ClientSampleId :
PR-MW-03_030819

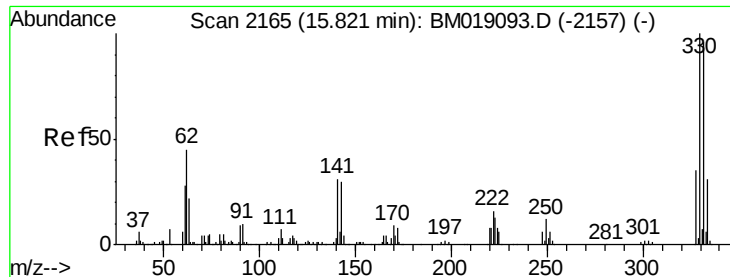
Tot Ion: 82 Resp: 2098589
Ion Ratio Lower Upper
82 100
128 38.1 29.4 44.2
54 37.3 29.9 44.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM019119.D
Acq: 12 Mar 2019 19:31

Tgt Ion:164 Resp: 637984
Ion Ratio Lower Upper
164 100
162 102.4 83.5 125.3
160 46.1 36.3 54.5

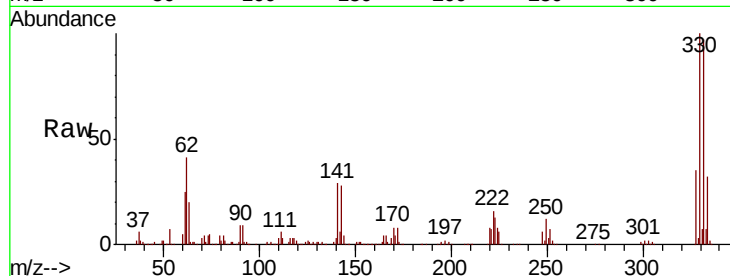




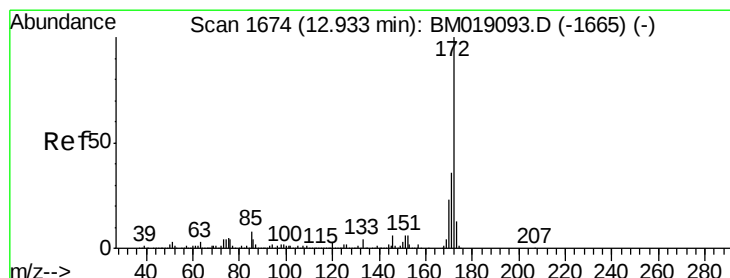
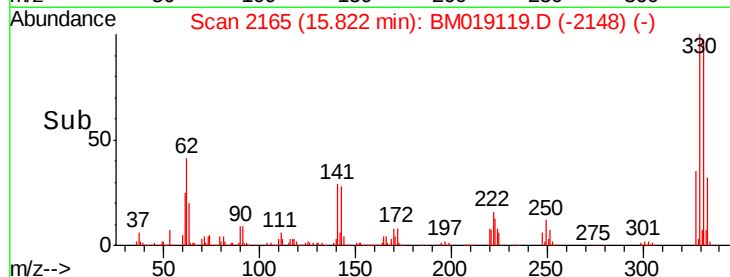
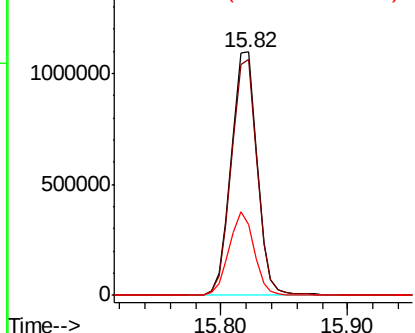
#42
 2,4,6-Tribromophenol
 Concen: 164.811 ng
 RT: 15.82 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BM019119.D
 Acq: 12 Mar 2019 19:31

Instrument :
 BNA_M
 ClientSampleId :
 PR-MW-03_030819

Tot Ion:330 Resp: 1552458
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.8 115.2
 141 33.1 27.0 40.4

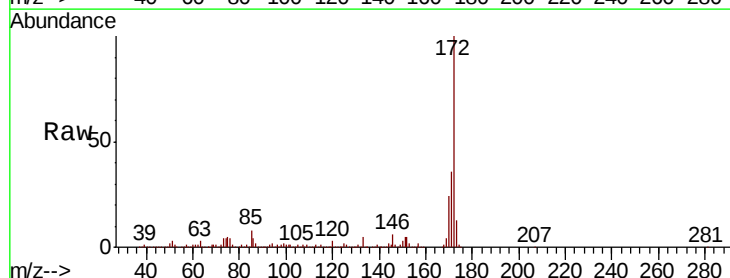


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

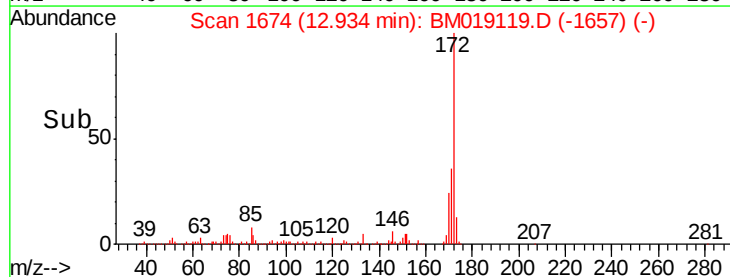
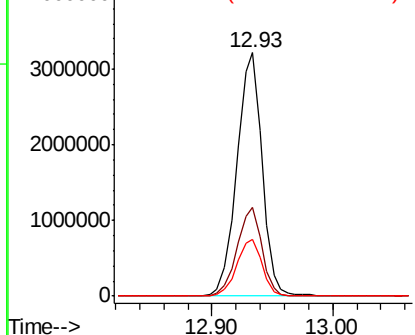


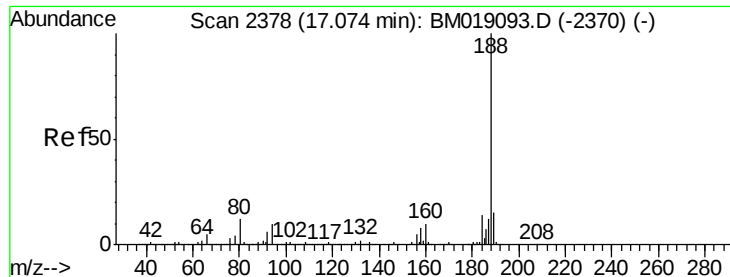
#45
 2-Fluorobiphenyl
 Concen: 95.627 ng
 RT: 12.93 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BM019119.D
 Acq: 12 Mar 2019 19:31

Tgt Ion:172 Resp: 4690223
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 42.8
 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BM019119.D

Acq: 12 Mar 2019 19:31

Instrument :

BNA_M

ClientSampleId :

PR-MW-03_030819

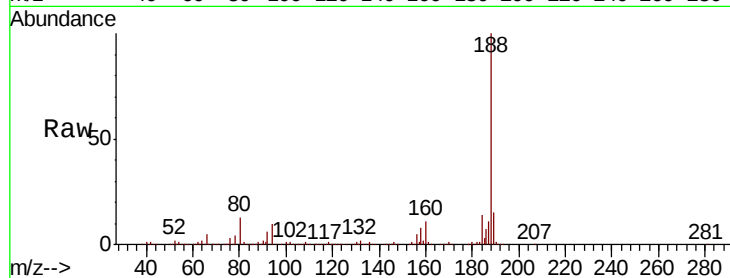
Tot Ion:188 Resp: 1441940

Ion Ratio Lower Upper

188 100

94 10.4 8.1 12.1

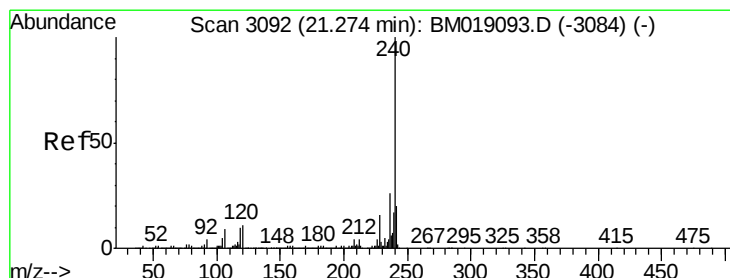
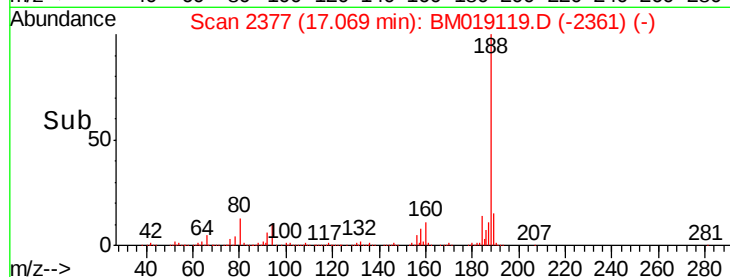
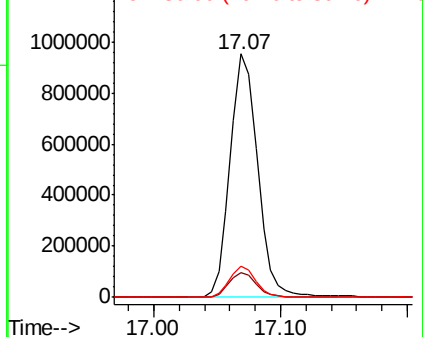
80 12.7 9.7 14.5



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: 21.27 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM019119.D

Acq: 12 Mar 2019 19:31

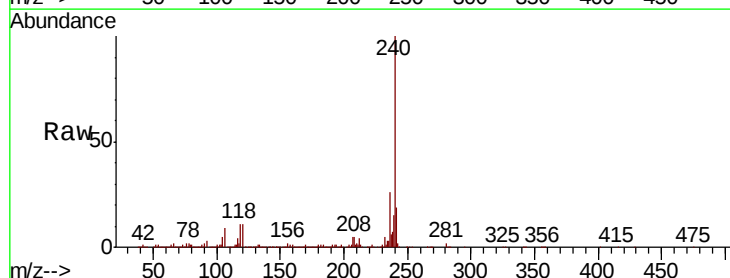
Tgt Ion:240 Resp: 1328459

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

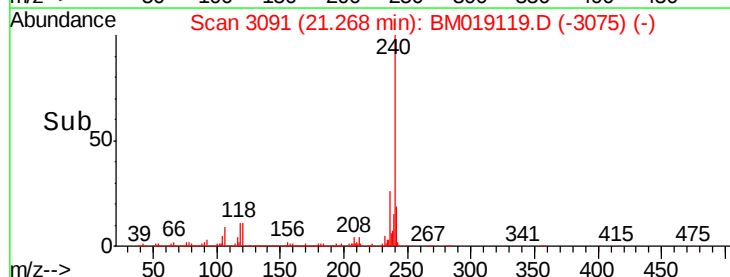
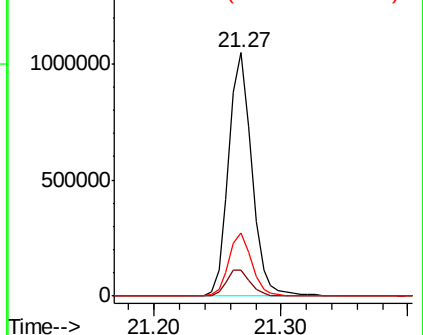
236 26.1 21.0 31.4

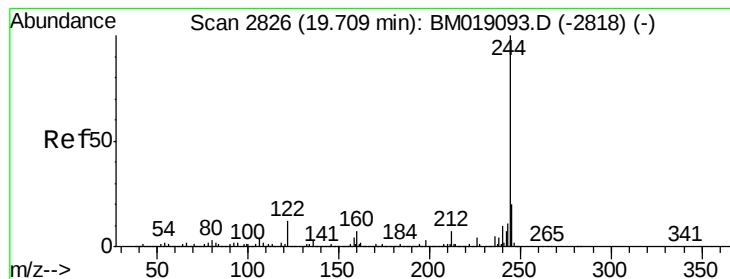


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 112.896 ng

RT: 19.71 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM019119.D

Acq: 12 Mar 2019 19:31

Instrument :

BNA_M

ClientSampleId :

PR-MW-03_030819

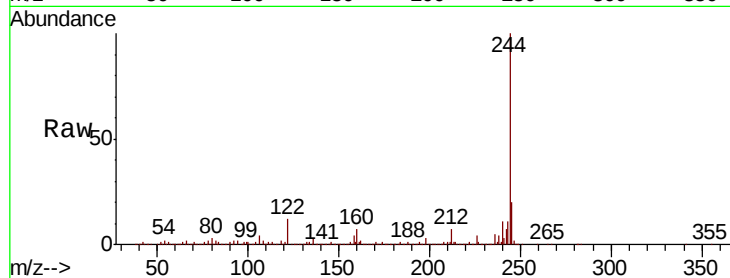
Tot Ion:244 Resp: 7554745

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

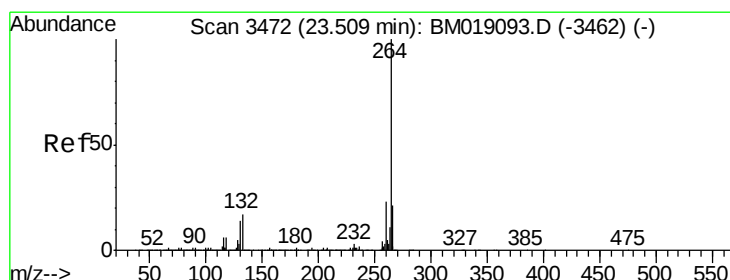
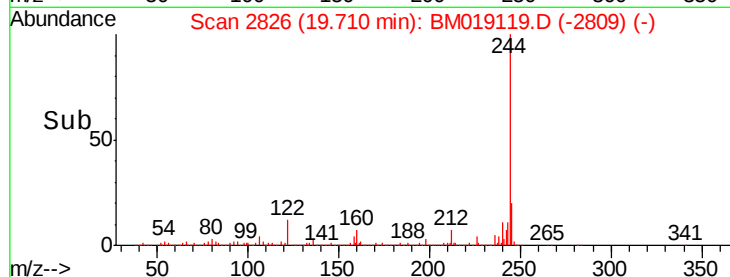
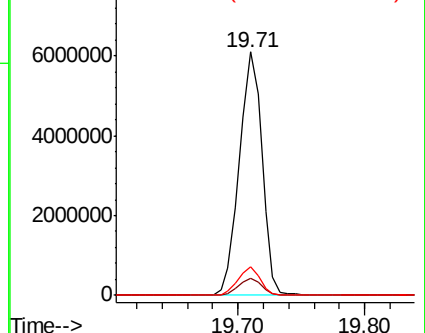
122 11.5 9.4 14.2



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: 23.51 min Scan# 3472

Delta R.T. 0.00 min

Lab File: BM019119.D

Acq: 12 Mar 2019 19:31

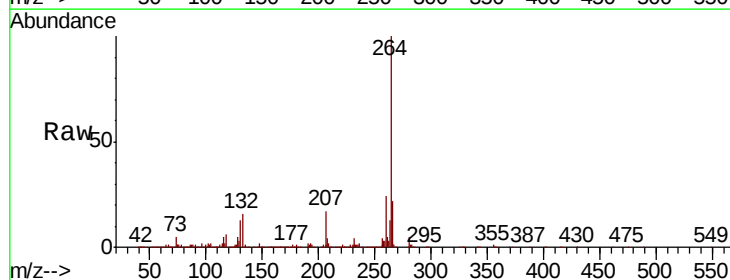
Tgt Ion:264 Resp: 1150357

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.9 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

