

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031819\
 Data File : BM019223.D
 Acq On : 18 Mar 2019 19:40
 Operator : JU/SJ
 Sample : K1930-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-4

Quant Time: Mar 19 04:13:56 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	7.65	152	207722	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	870456	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	554664	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1181176	20.00	ng	-0.02
76) Chrysene-d12	21.26	240	862796	20.00	ng	-0.02
87) Perylene-d12	23.49	264	834644	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1689700	131.74	ng	0.00
7) Phenol-d6	6.83	99	2091026	111.45	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1827514	99.24	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1314869	160.56	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	4015273	94.16	ng	-0.02
79) Terphenyl-d14	19.70	244	6116648	140.74	ng	-0.01

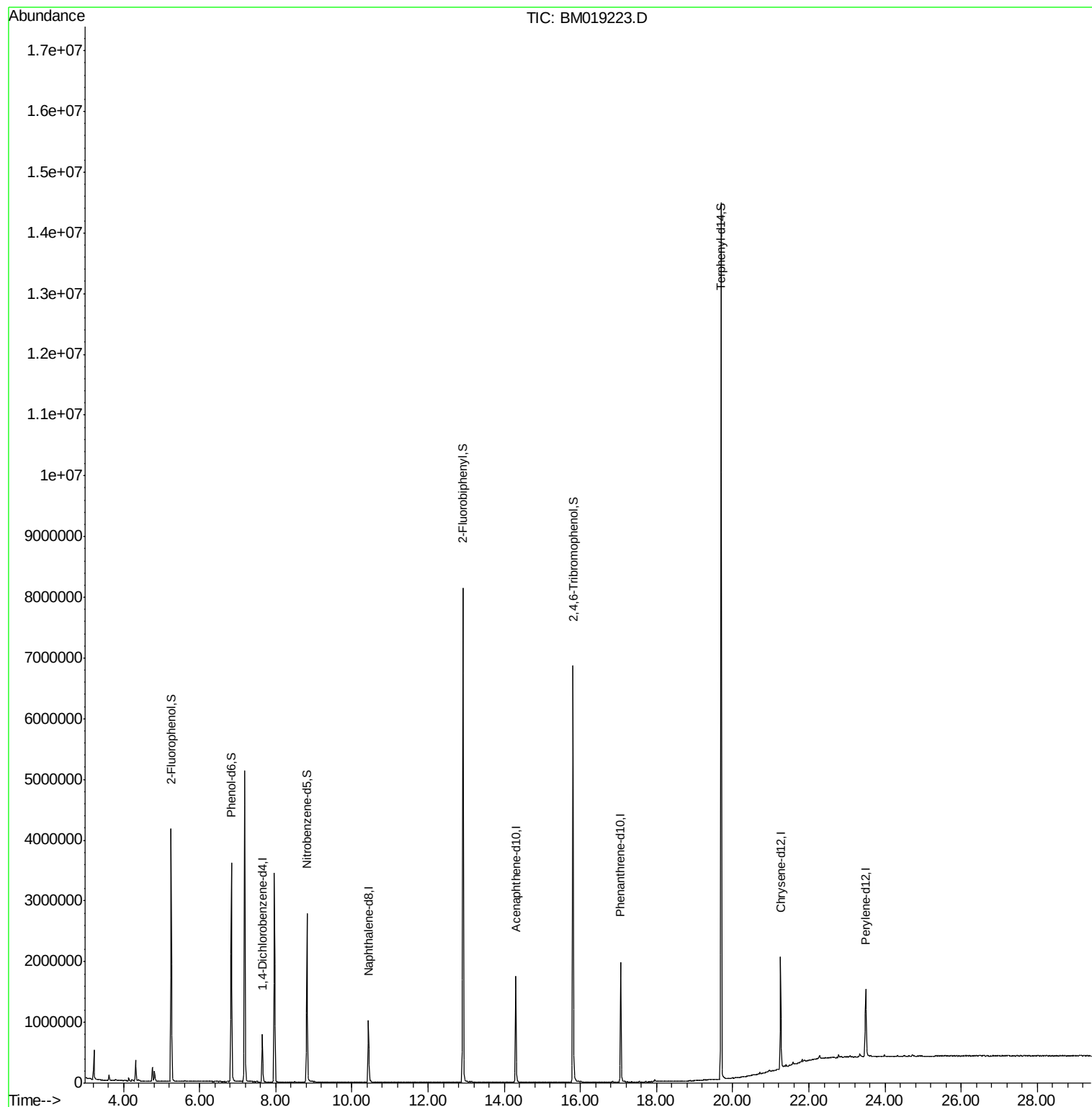
Target Compounds	Qvalue
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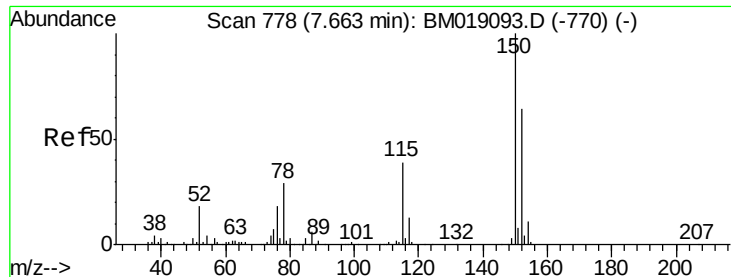
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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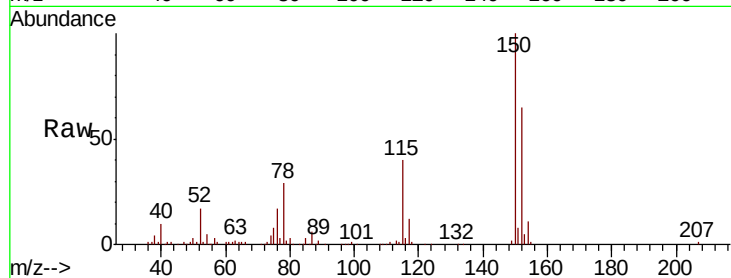


#1

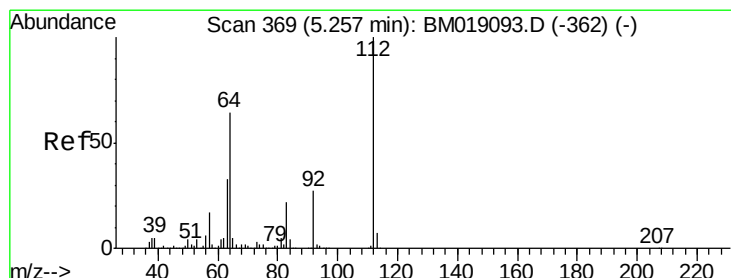
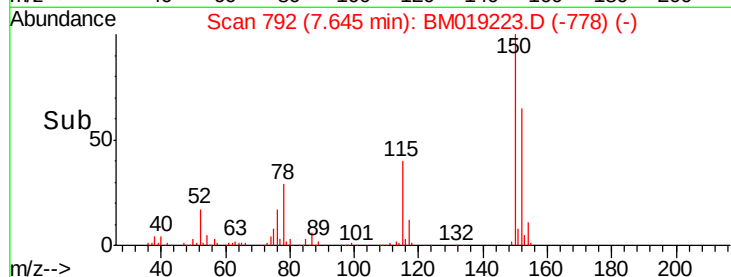
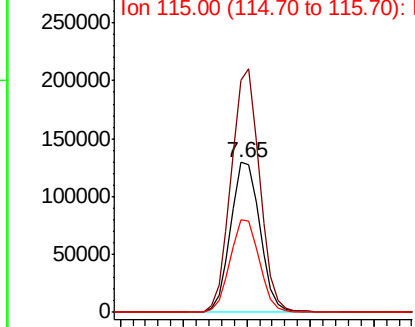
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM019223.D
Acq: 18 Mar 2019 19:40

Instrument :
BNA_M
ClientSampled :
TP-4

Tgt Ion:152 Resp: 207722
Ion Ratio Lower Upper
152 100
150 154.9 125.3 187.9
115 61.5 49.4 74.0



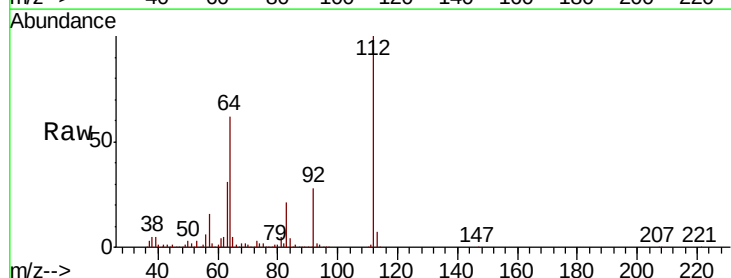
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



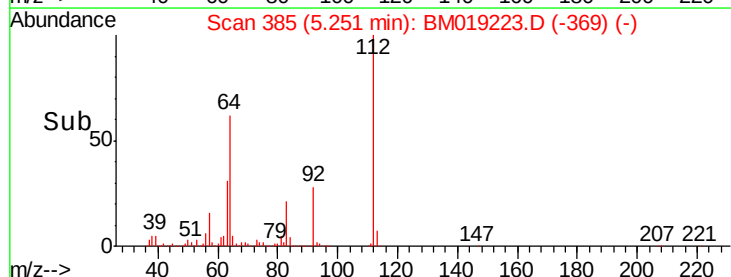
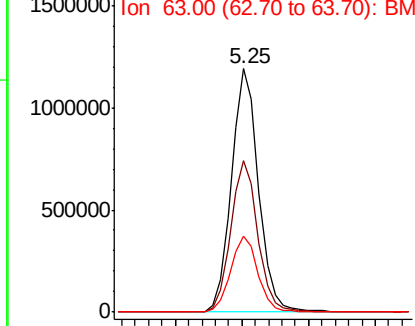
#5

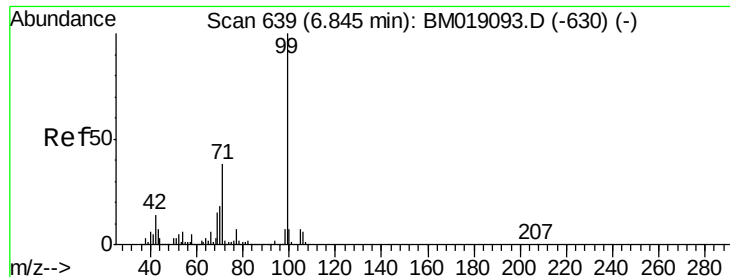
2-Fluorophenol
Concen: 131.735 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM019223.D
Acq: 18 Mar 2019 19:40

Tgt Ion:112 Resp: 1689700
Ion Ratio Lower Upper
112 100
64 62.2 51.4 77.0
63 31.2 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: 111.454 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM019223.D

Acq: 18 Mar 2019 19:40

Instrument :

BNA_M

ClientSampleId :

TP-4

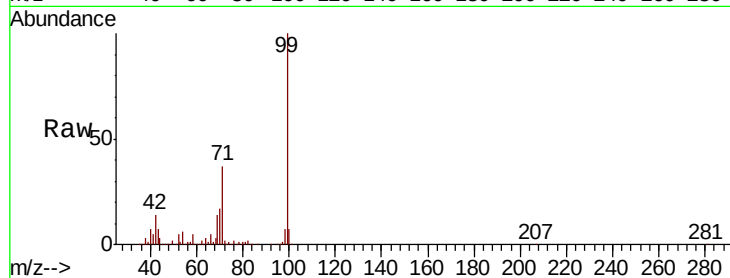
Tgt Ion: 99 Resp: 2091026

Ion Ratio Lower Upper

99 100

42 13.5 10.9 16.3

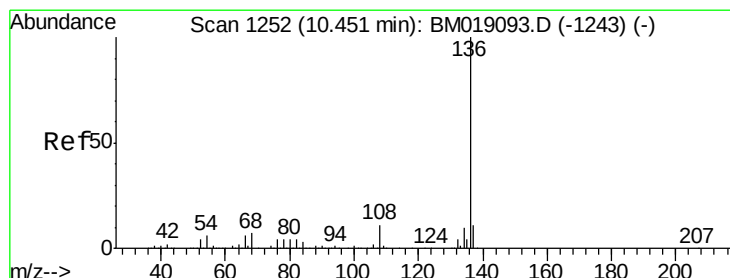
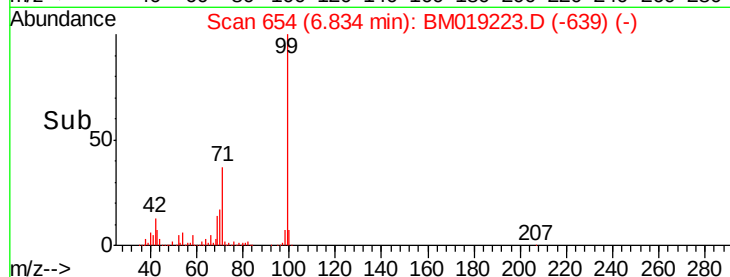
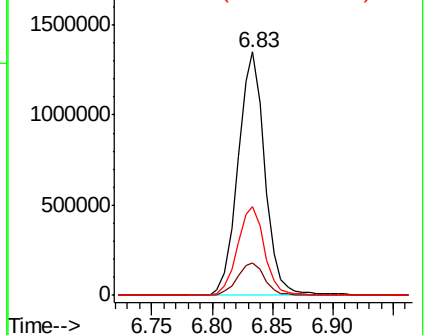
71 36.6 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM019223.D

Acq: 18 Mar 2019 19:40

Tgt Ion: 136 Resp: 870456

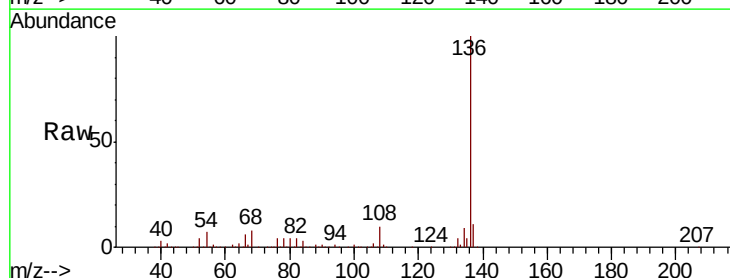
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 6.6 5.2 7.8

68 7.6 5.8 8.8

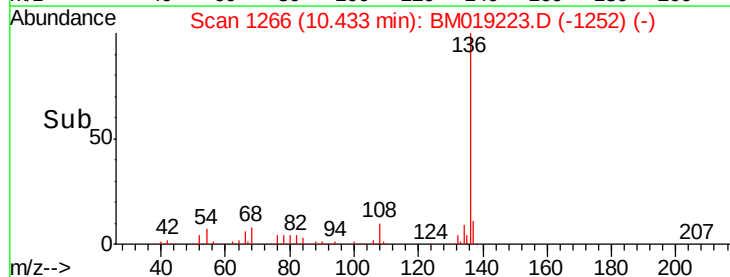
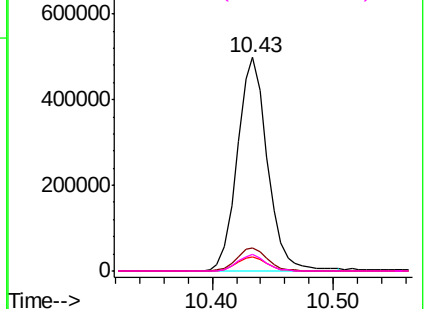


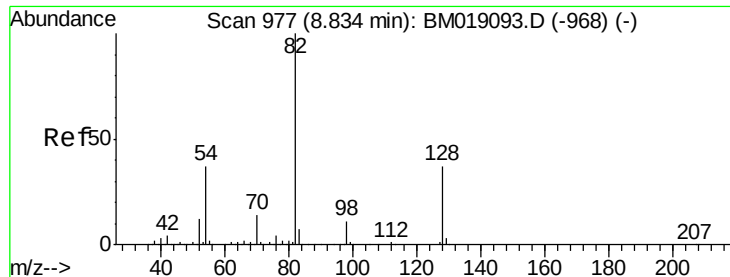
Abundance Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

Ion 137.00 (136.70 to 137.70): BM019093.D (-1243) (-)

Ion 54.00 (53.70 to 54.70): BM019093.D (-1243) (-)

Ion 68.00 (67.70 to 68.70): BM019093.D (-1243) (-)





#23

Nitrobenzene-d5

Concen: 99.243 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM019223.D

Acq: 18 Mar 2019 19:40

Instrument :

BNA_M

ClientSampled :

TP-4

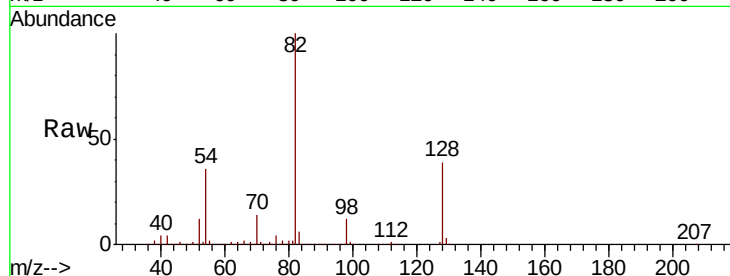
Tgt Ion: 82 Resp: 1827514

Ion Ratio Lower Upper

82 100

128 39.1 29.4 44.2

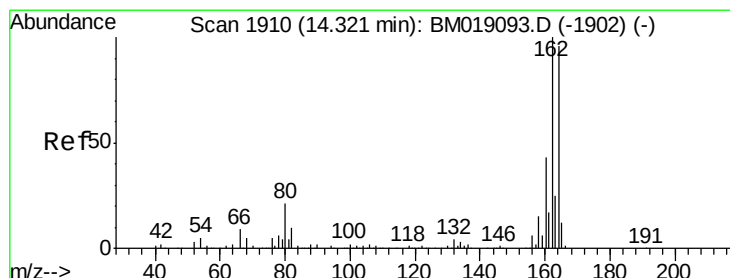
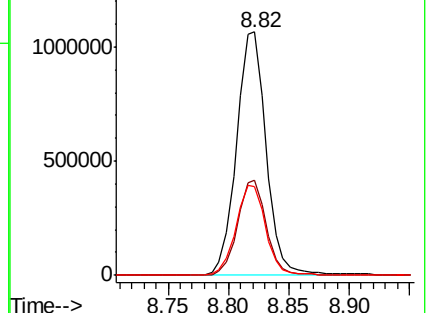
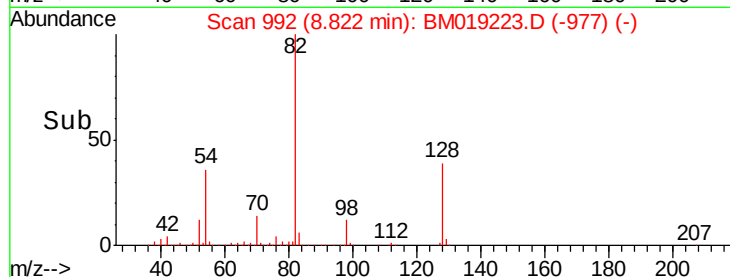
54 36.4 29.9 44.9



Abundance Ion 82.00 (81.70 to 82.70): BM019223.D (-977) (-)

Ion 128.00 (127.70 to 128.70): BM019223.D (-977) (-)

Ion 54.00 (53.70 to 54.70): BM019223.D (-977) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BM019223.D

Acq: 18 Mar 2019 19:40

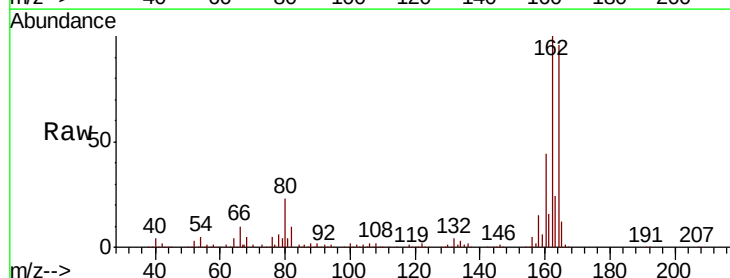
Tgt Ion: 164 Resp: 554664

Ion Ratio Lower Upper

164 100

162 103.9 83.5 125.3

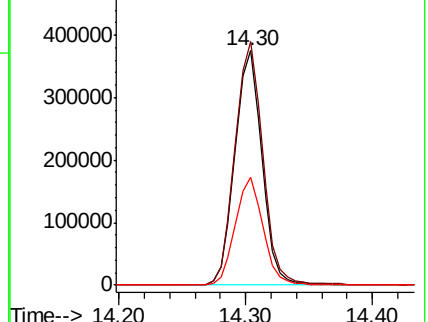
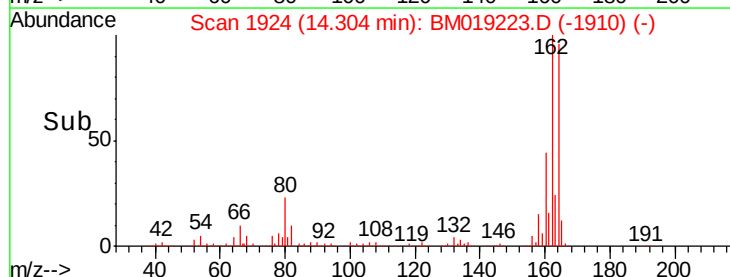
160 45.9 36.3 54.5

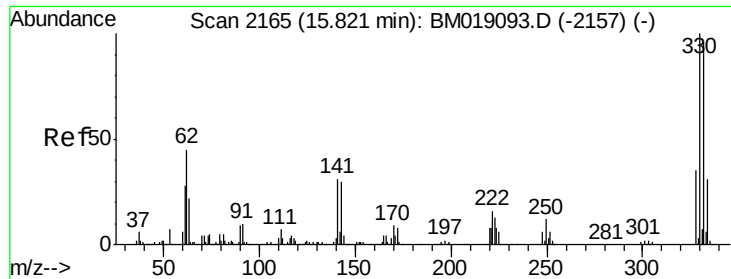


Abundance Ion 164.00 (163.70 to 164.70): BM019223.D (-1910) (-)

Ion 162.00 (161.70 to 162.70): BM019223.D (-1910) (-)

Ion 160.00 (159.70 to 160.70): BM019223.D (-1910) (-)

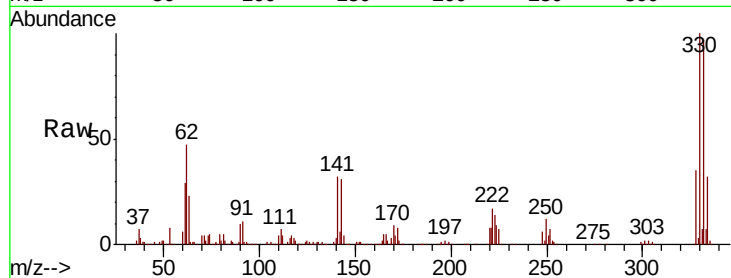




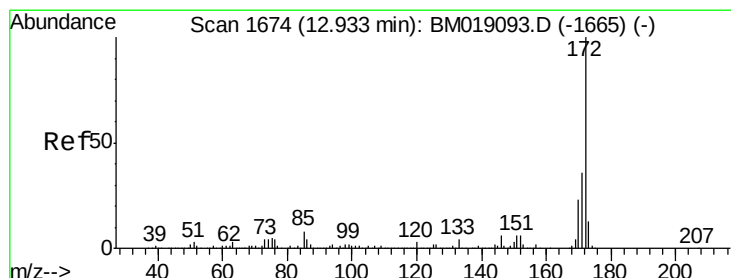
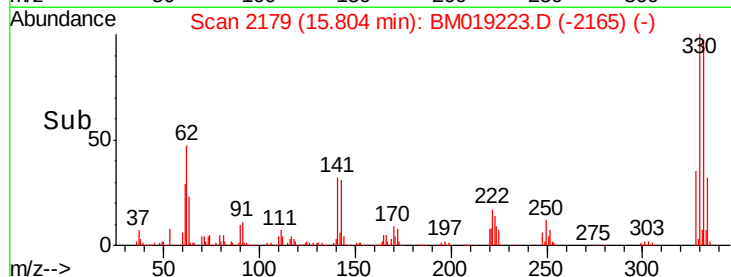
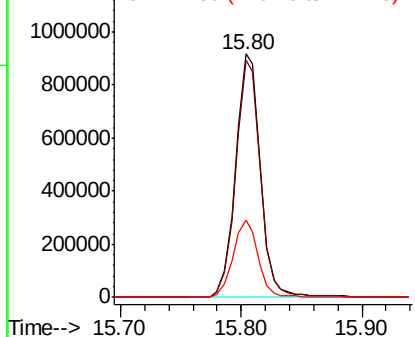
#42
 2,4,6-Tribromophenol
 Concen: 160.557 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BM019223.D
 Acq: 18 Mar 2019 19:40

Instrument :
 BNA_M
 ClientSampleId :
 TP-4

Tgt Ion:330 Resp: 1314869
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.8 115.2
 141 32.0 27.0 40.4

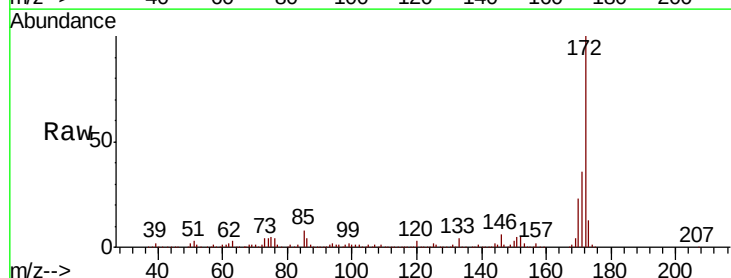


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

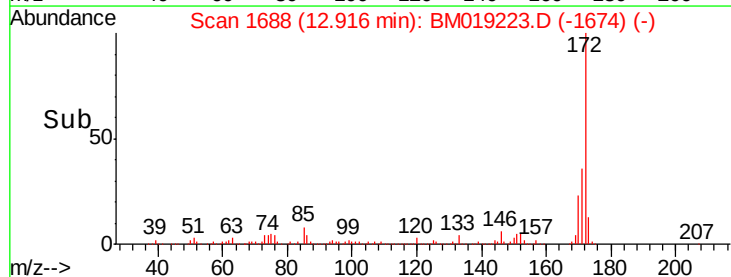
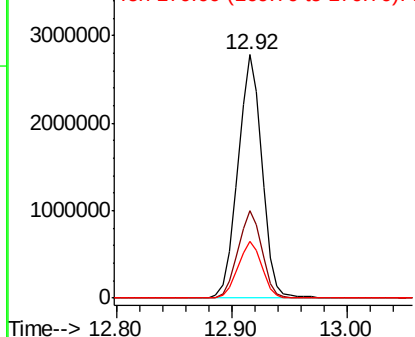


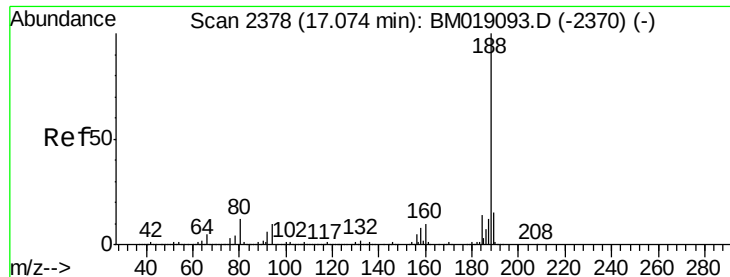
#45
 2-Fluorobiphenyl
 Concen: 94.164 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM019223.D
 Acq: 18 Mar 2019 19:40

Tgt Ion:172 Resp: 4015273
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 42.8
 170 23.4 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

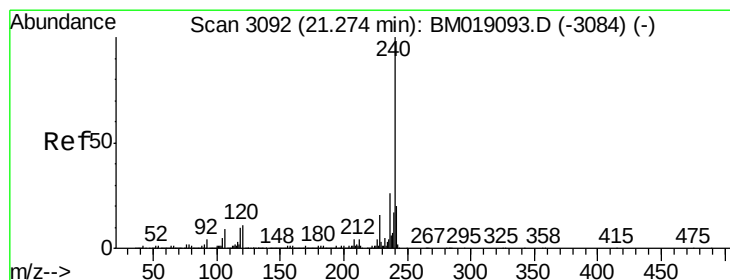
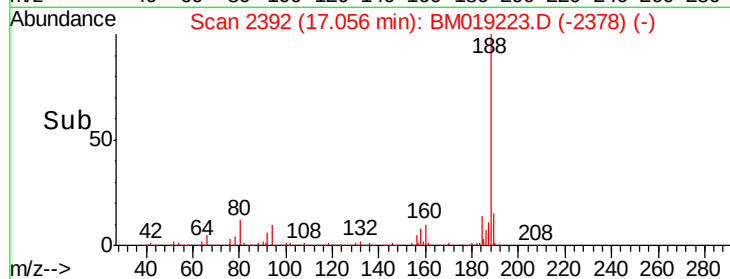
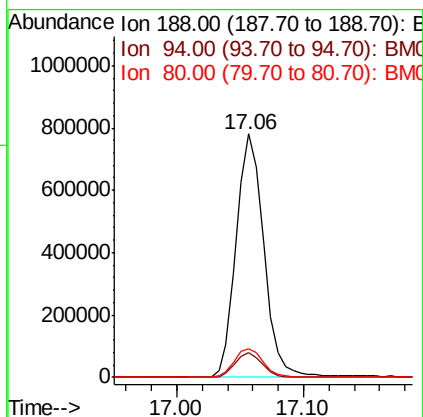
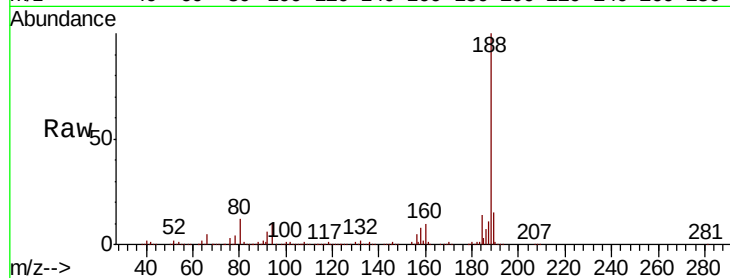




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.02 min
Lab File: BM019223.D
Acq: 18 Mar 2019 19:40

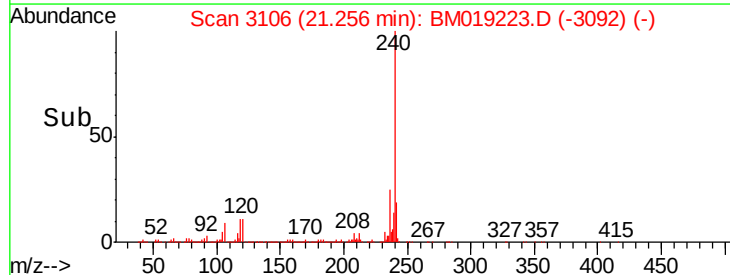
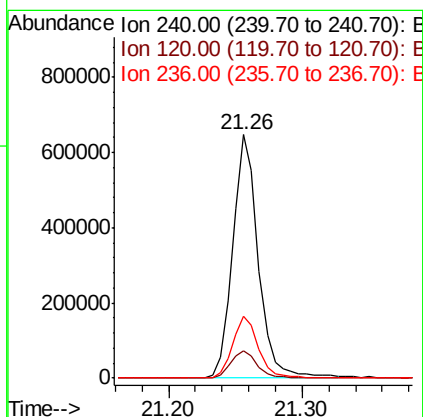
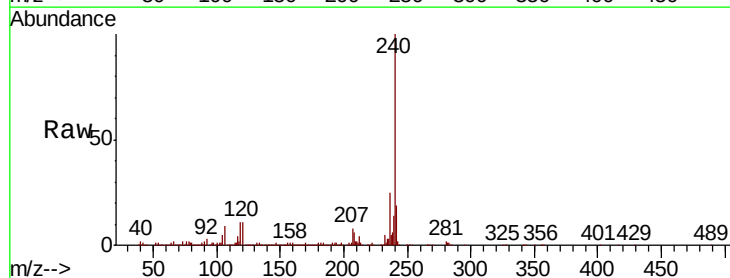
Instrument :
BNA_M
ClientSampled :
TP-4

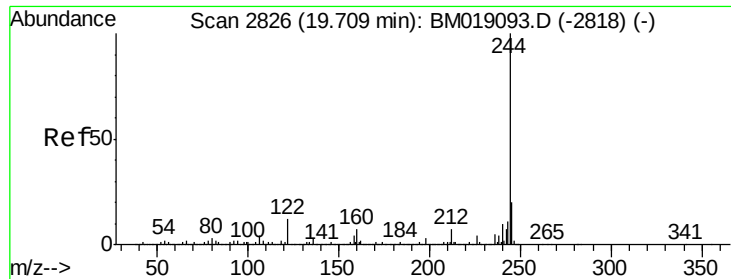
Tgt Ion:188 Resp: 1181176
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 11.8 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3106
Delta R.T. -0.02 min
Lab File: BM019223.D
Acq: 18 Mar 2019 19:40

Tgt Ion:240 Resp: 862796
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.5 21.0 31.4





#79

Terphenyl-d14

Concen: 140.739 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM019223.D

Acq: 18 Mar 2019 19:40

Instrument :

BNA_M

ClientSampleId :

TP-4

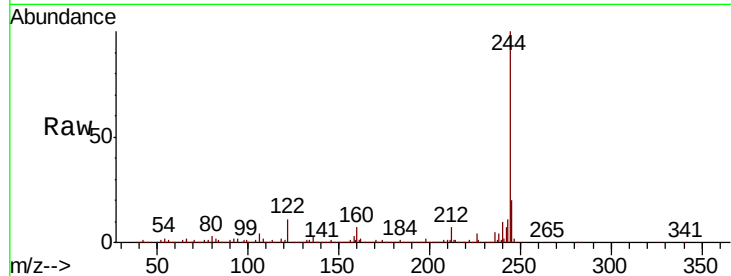
Tgt Ion:244 Resp: 6116648

Ion Ratio Lower Upper

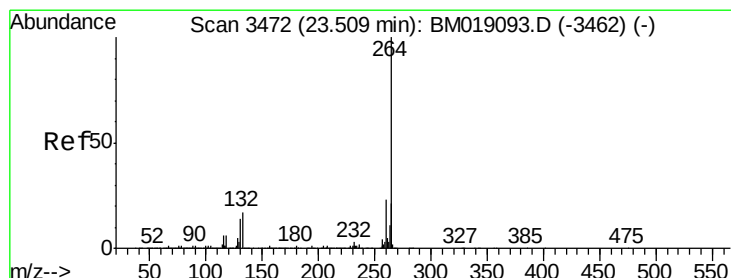
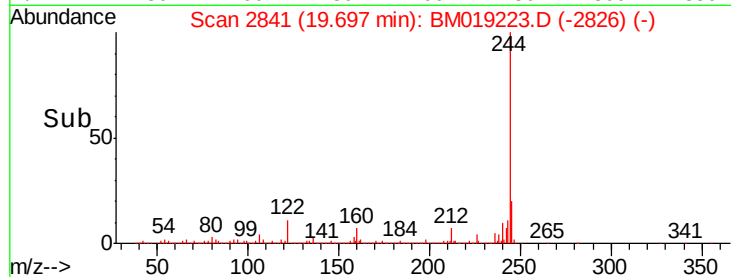
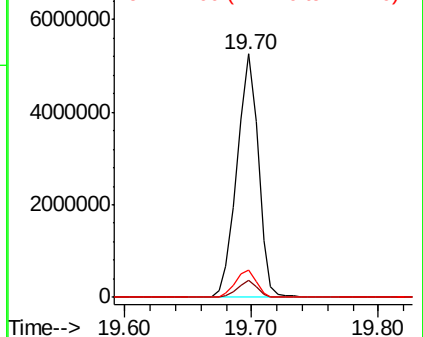
244 100

212 6.8 5.4 8.2

122 11.3 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: 23.49 min Scan# 3486

Delta R.T. -0.02 min

Lab File: BM019223.D

Acq: 18 Mar 2019 19:40

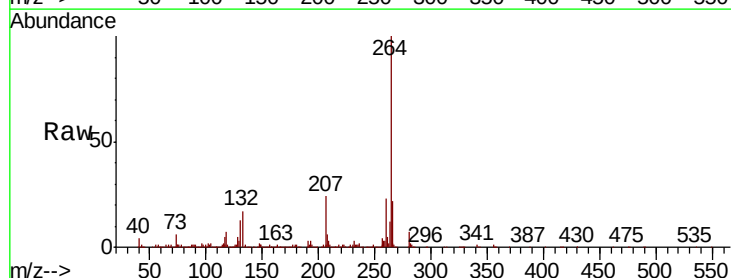
Tgt Ion:264 Resp: 834644

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 22.2 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

