

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032119\
 Data File : BM019302.D
 Acq On : 21 Mar 2019 22:09
 Operator : JU/SJ
 Sample : K2004-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-19B(13.5-14.5)

Quant Time: Mar 22 04:45:05 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

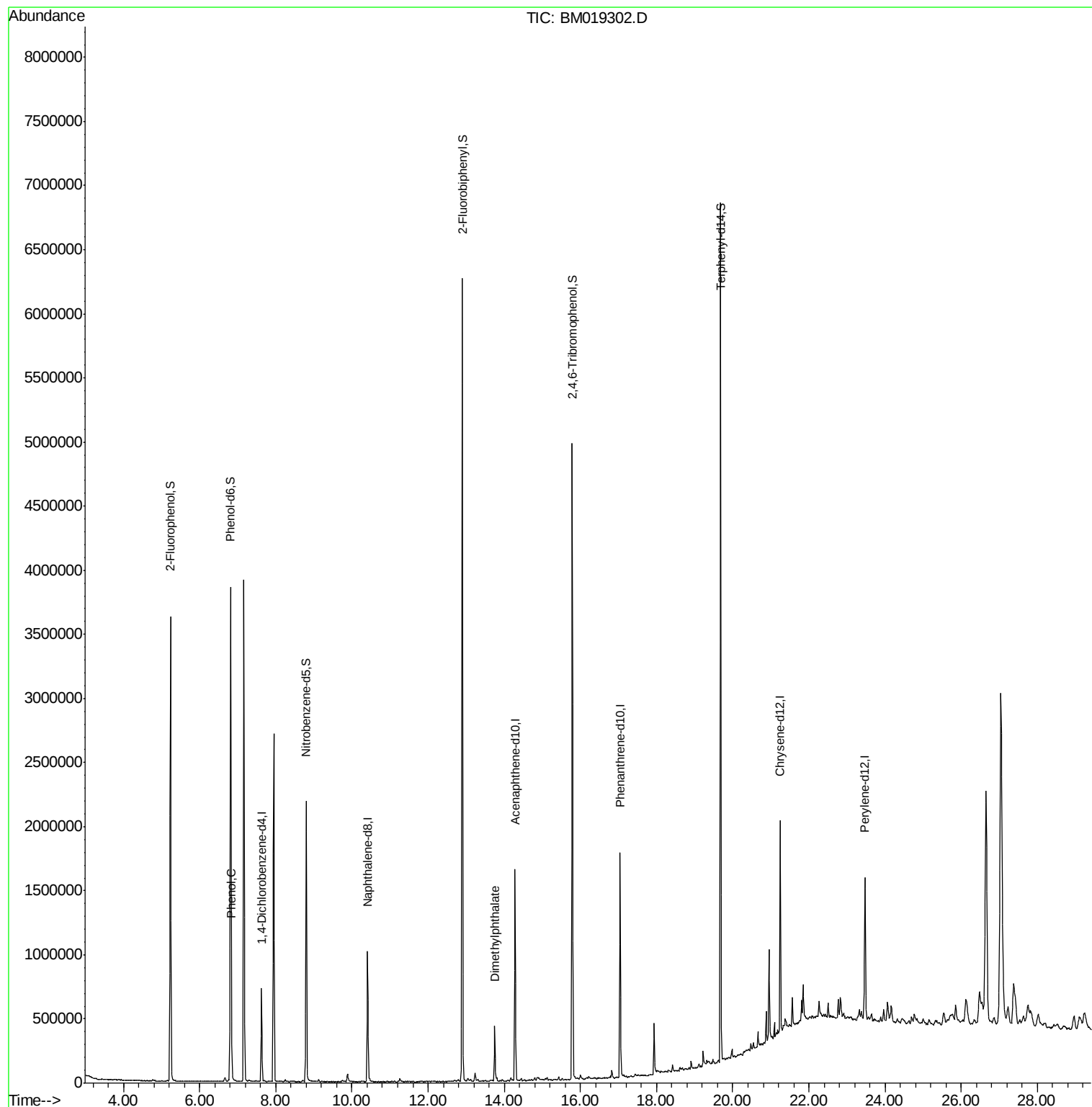
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	197066	20.00	ng	-0.04
21) Naphthalene-d8	10.41	136	846519	20.00	ng	-0.04
39) Acenaphthene-d10	14.29	164	527409	20.00	ng	-0.04
64) Phenanthrene-d10	17.04	188	1039741	20.00	ng	-0.03
76) Chrysene-d12	21.24	240	752808	20.00	ng	-0.03
87) Perylene-d12	23.47	264	813258	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1584928	130.25	ng	-0.02
7) Phenol-d6	6.82	99	2383553	133.92	ng	-0.03
23) Nitrobenzene-d5	8.80	82	1389463	77.59	ng	-0.04
42) 2,4,6-Tribromophenol	15.79	330	1045572	134.27	ng	-0.03
45) 2-Fluorobiphenyl	12.90	172	3207391	79.10	ng	-0.04
79) Terphenyl-d14	19.69	244	3147284	83.00	ng	-0.02
Target Compounds						
10) Phenol	6.84	94	122506	6.386	ng	97
50) Dimethylphthalate	13.75	163	263100	5.831	ng	99

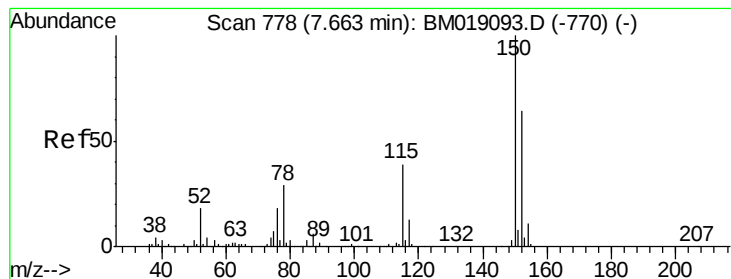
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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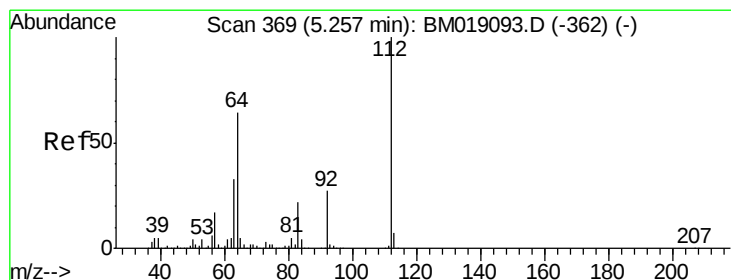
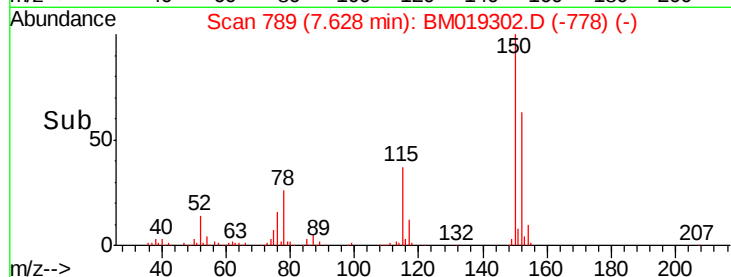
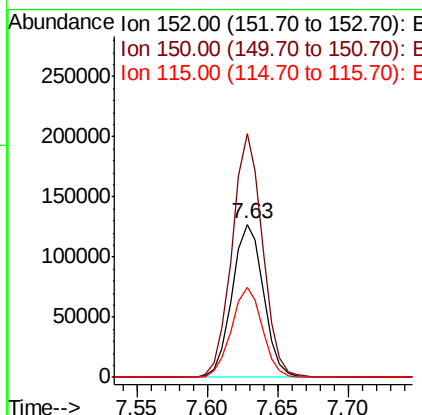
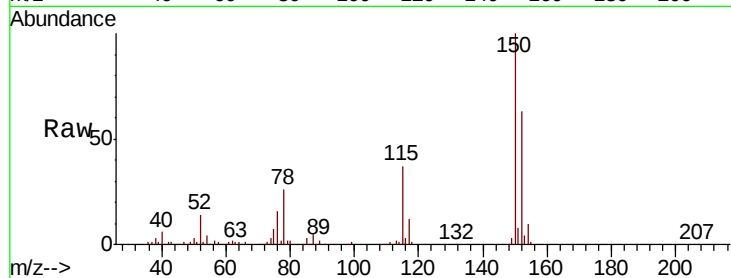


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.04 min
Lab File: BM019302.D
Acq: 21 Mar 2019 22:09

Instrument :
BNA_M
ClientSampleId :
SB-19B(13.5-14.5)

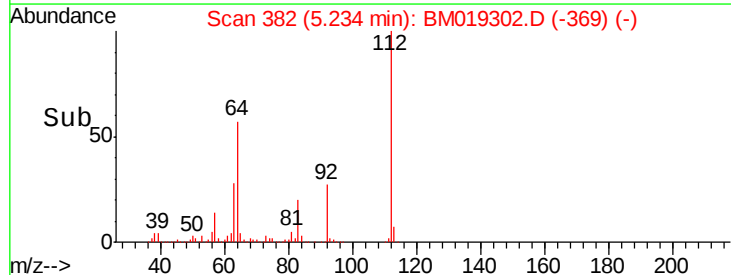
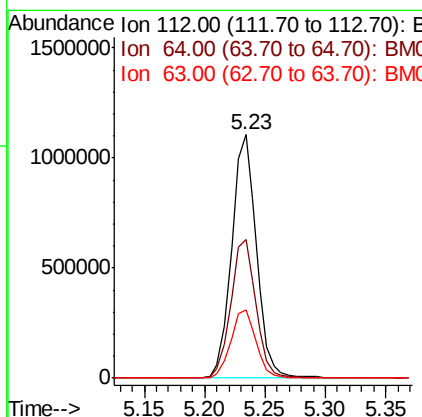
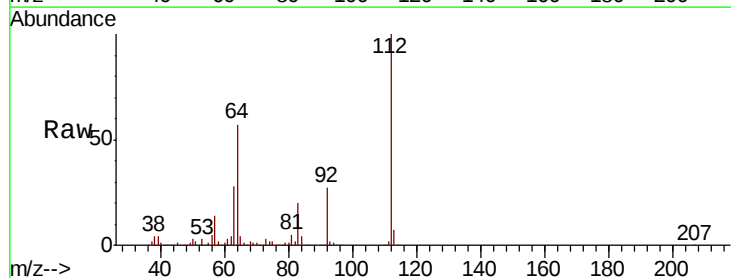
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	125.3	187.9
115	58.6	49.4	74.0

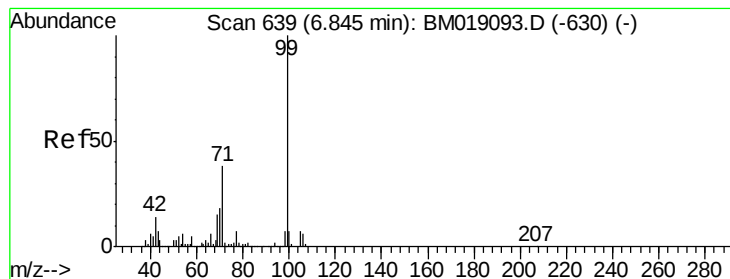


#5

2-Fluorophenol
Concen: 130.249 ng
RT: 5.23 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM019302.D
Acq: 21 Mar 2019 22:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	51.4	77.0
63	28.2	26.6	40.0





#7

Phenol-d6

Concen: 133.915 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.03 min

Lab File: BM019302.D

Acq: 21 Mar 2019 22:09

Instrument :

BNA_M

ClientSampleId :

SB-19B(13.5-14.5)

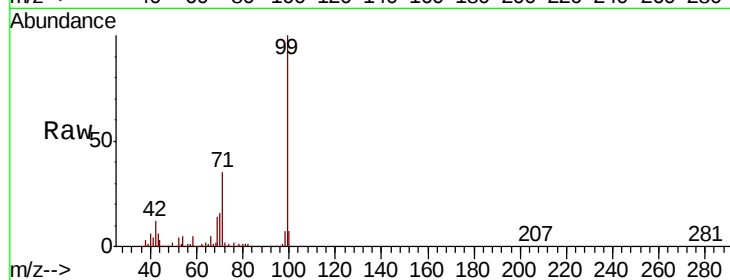
Tot Ion: 99 Resp: 2383553

Ion Ratio Lower Upper

99 100

42 12.0 10.9 16.3

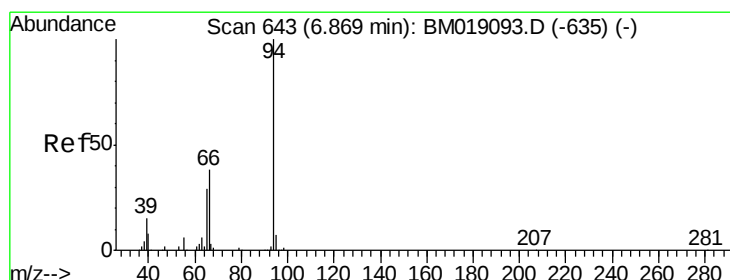
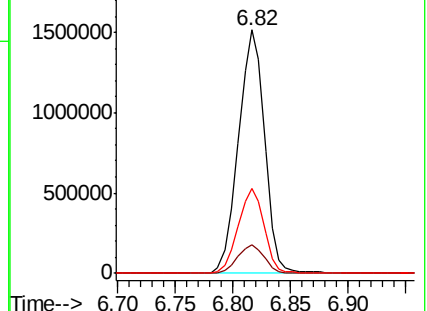
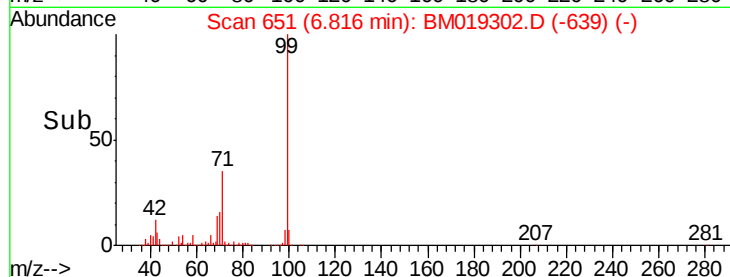
71 34.7 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019302.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019302.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019302.D (-639) (-)



#10

Phenol

Concen: 6.386 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM019302.D

Acq: 21 Mar 2019 22:09

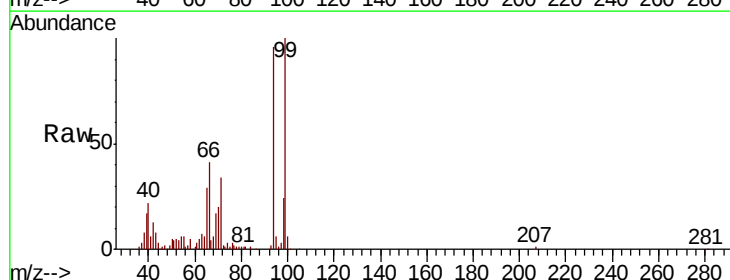
Tgt Ion: 94 Resp: 122506

Ion Ratio Lower Upper

94 100

65 30.3 9.7 49.7

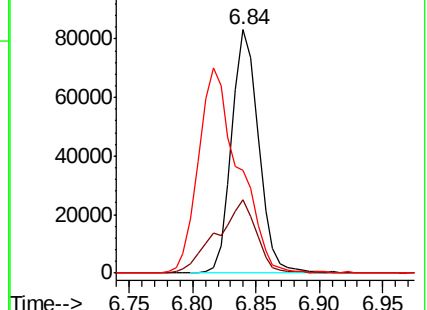
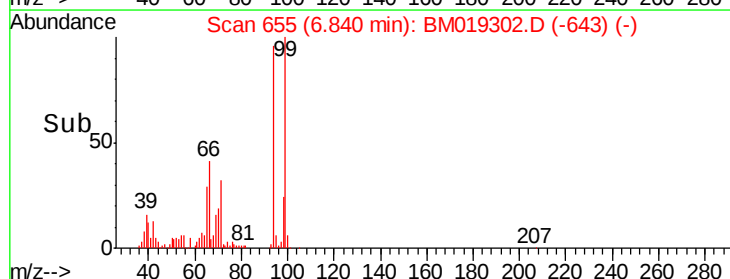
66 42.1 19.2 59.2

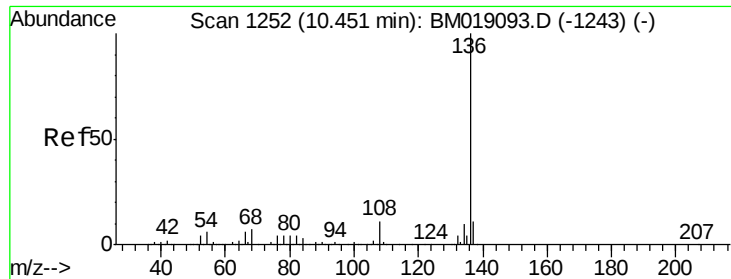


Abundance Ion 94.00 (93.70 to 94.70): BM019302.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM019302.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM019302.D (-643) (-)

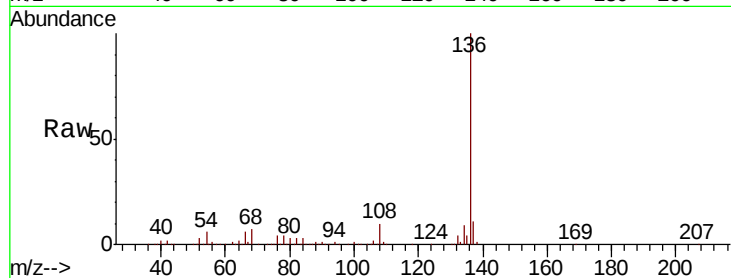




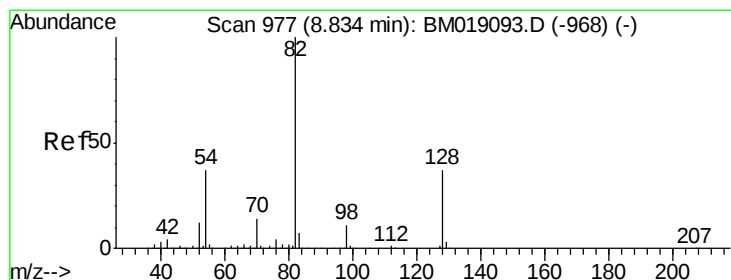
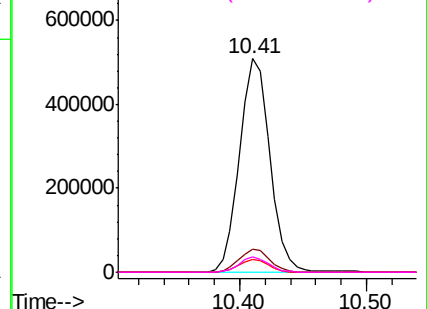
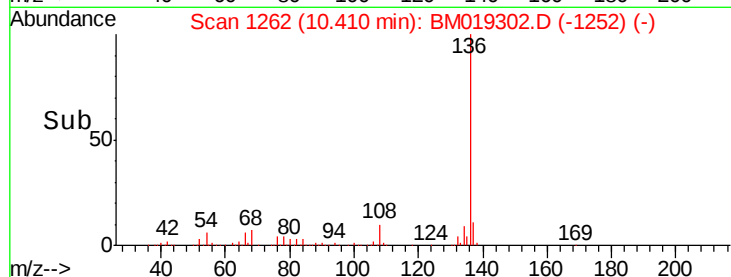
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1262
Delta R.T. -0.04 min
Lab File: BM019302.D
Acq: 21 Mar 2019 22:09

Instrument :
BNA_M
ClientSampleId :
SB-19B(13.5-14.5)

Tot Ion:136	Resp:	846519
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.6	13.0
54 5.9	5.2	7.8
68 7.3	5.8	8.8

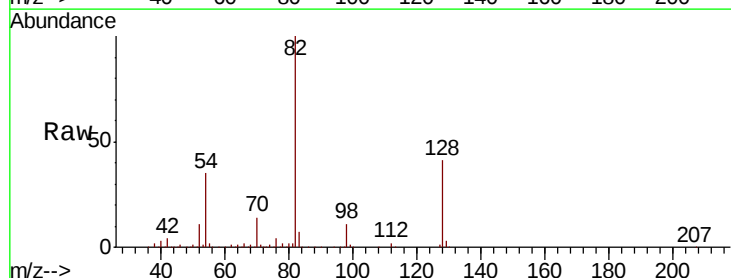


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

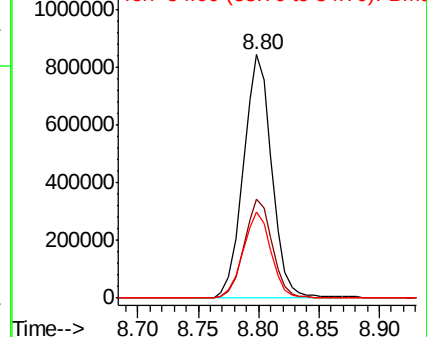
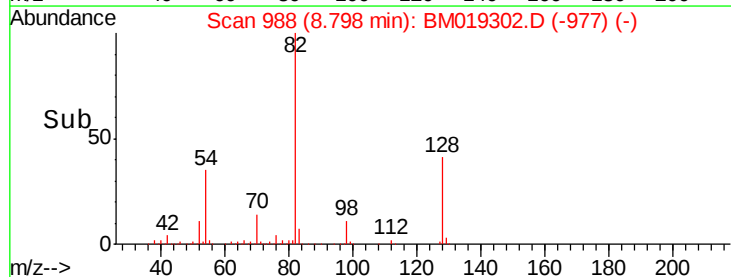


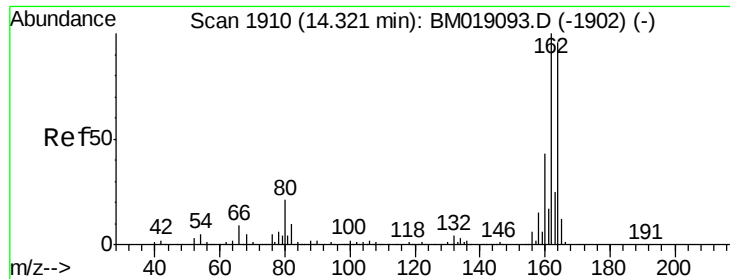
#23
Nitrobenzene-d5
Concen: 77.588 ng
RT: 8.80 min Scan# 988
Delta R.T. -0.04 min
Lab File: BM019302.D
Acq: 21 Mar 2019 22:09

Tgt Ion: 82	Resp: 1389463
Ion Ratio	Lower Upper
82 100	
128 40.9	29.4 44.2
54 35.3	29.9 44.9



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

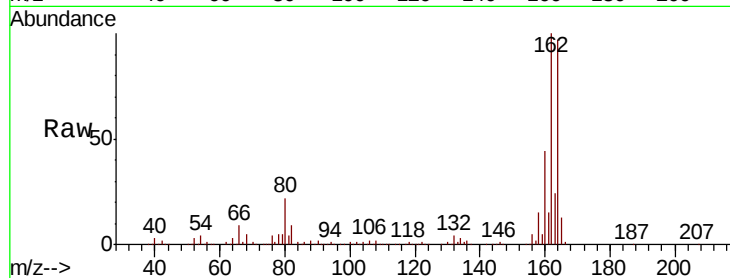




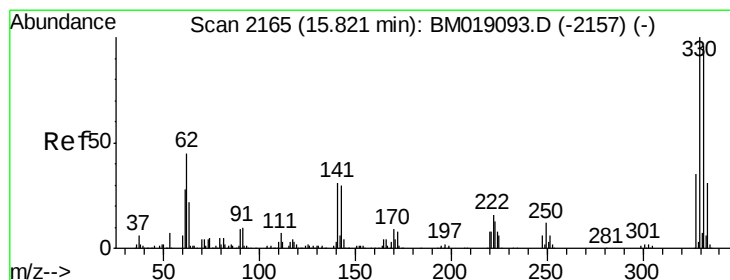
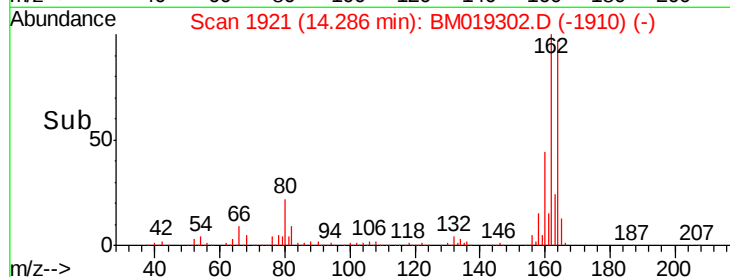
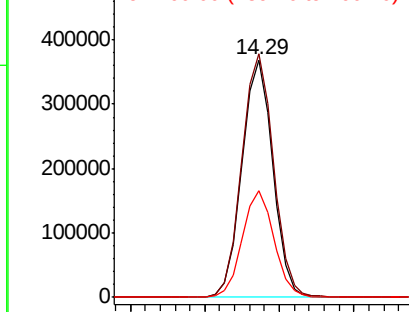
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1921
Delta R.T. -0.04 min
Lab File: BM019302.D
Acq: 21 Mar 2019 22:09

Instrument :
BNA_M
ClientSampleId :
SB-19B(13.5-14.5)

Tot Ion:164 Resp: 527409
Ion Ratio Lower Upper
164 100
162 102.6 83.5 125.3
160 44.7 36.3 54.5

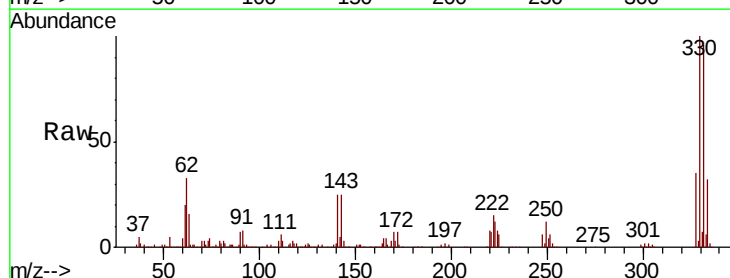


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

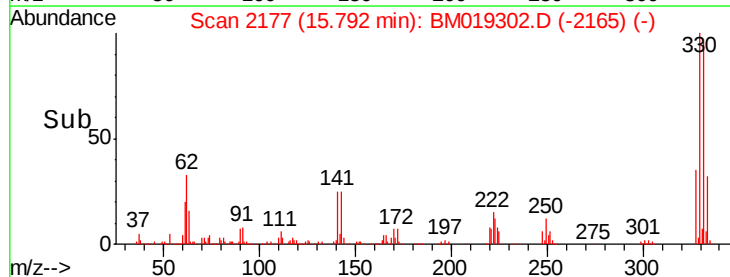
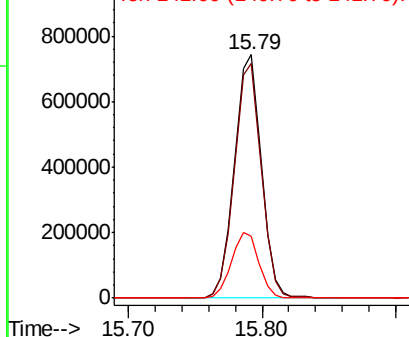


#42
2,4,6-Tribromophenol
Concen: 134.271 ng
RT: 15.79 min Scan# 2177
Delta R.T. -0.03 min
Lab File: BM019302.D
Acq: 21 Mar 2019 22:09

Tgt Ion:330 Resp: 1045572
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 27.6 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

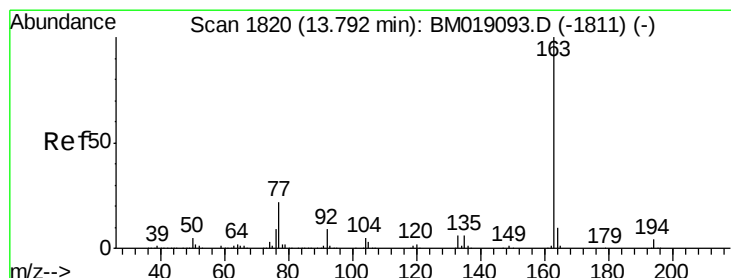
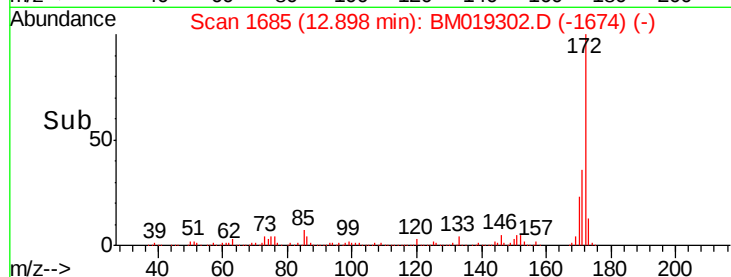
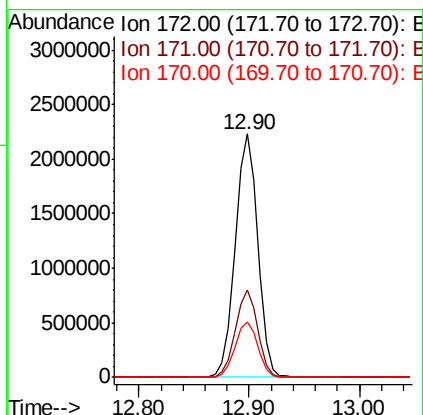
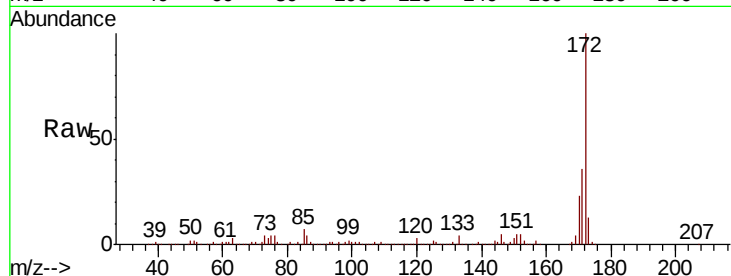




#45
2-Fluorobiphenyl
Concen: 79.105 ng
RT: 12.90 min Scan# 1685
Delta R.T. -0.04 min
Lab File: BM019302.D
Acq: 21 Mar 2019 22:09

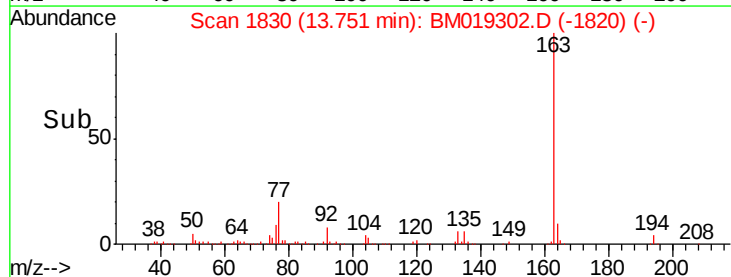
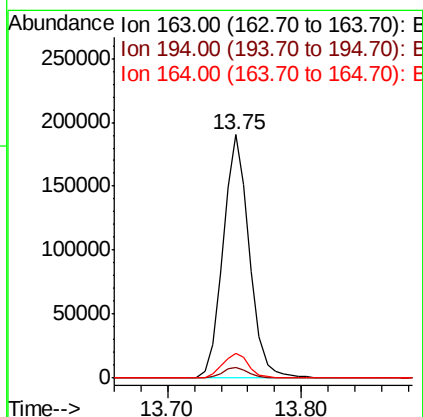
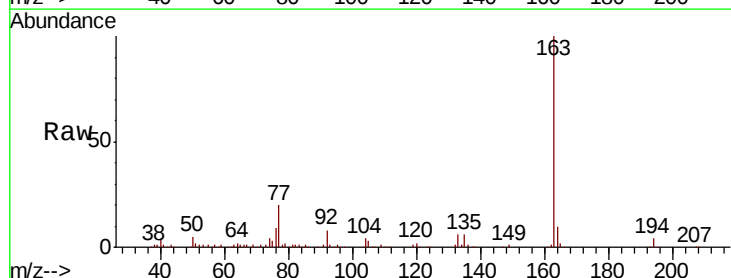
Instrument :
BNA_M
ClientSampleId :
SB-19B(13.5-14.5)

Tot Ion:172 Resp: 3207391
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 23.0 18.6 28.0



#50
Dimethylphthalate
Concen: 5.831 ng
RT: 13.75 min Scan# 1830
Delta R.T. -0.04 min
Lab File: BM019302.D
Acq: 21 Mar 2019 22:09

Tgt Ion:163 Resp: 263100
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 7.7 11.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2390

Delta R.T. -0.03 min

Lab File: BM019302.D

Acq: 21 Mar 2019 22:09

Instrument :

BNA_M

ClientSampleId :

SB-19B(13.5-14.5)

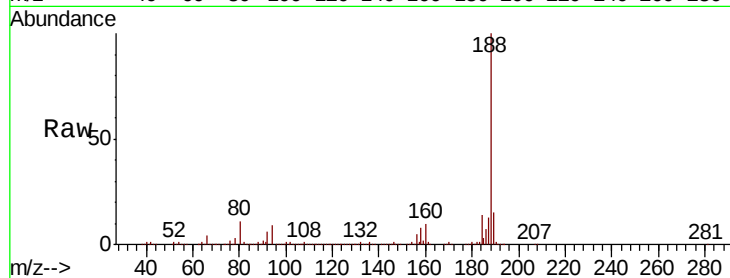
Tot Ion:188 Resp: 1039741

Ion Ratio Lower Upper

188 100

94 9.4 8.1 12.1

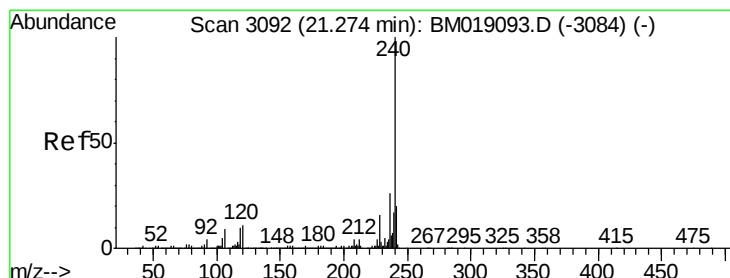
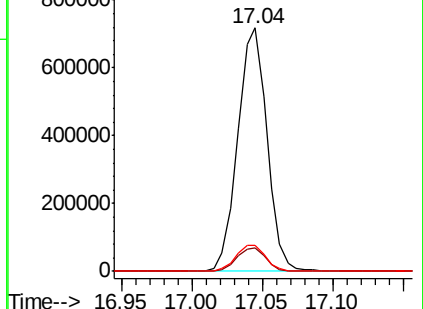
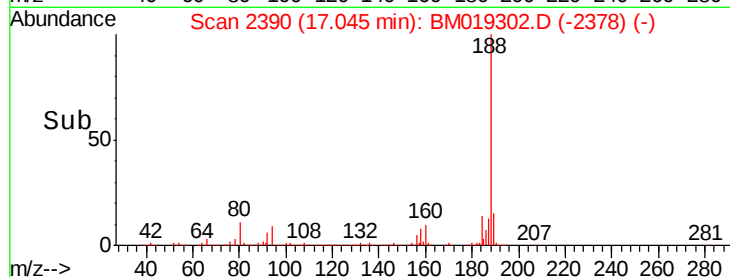
80 10.9 9.7 14.5



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: 21.24 min Scan# 3104

Delta R.T. -0.03 min

Lab File: BM019302.D

Acq: 21 Mar 2019 22:09

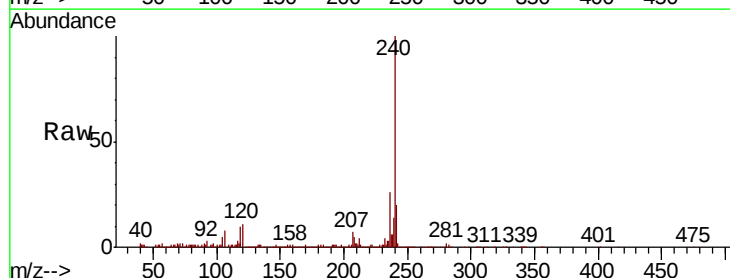
Tgt Ion:240 Resp: 752808

Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

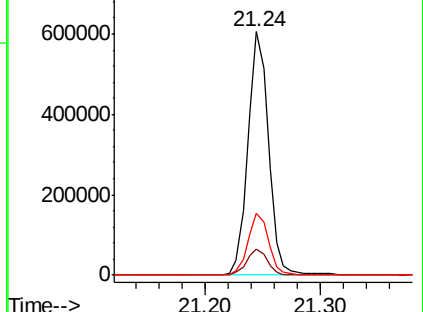
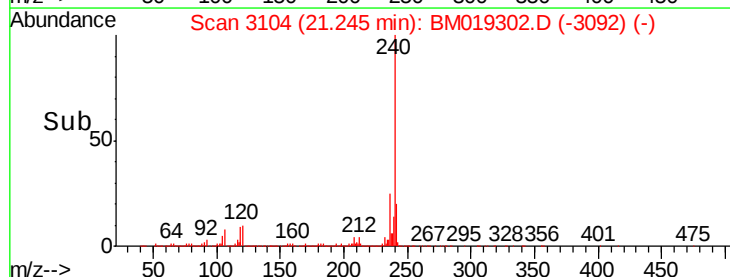
236 25.5 21.0 31.4

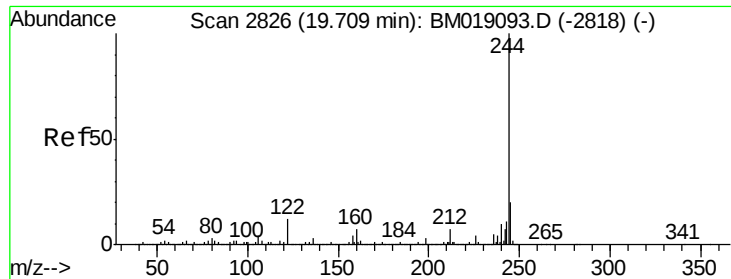


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.997 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM019302.D

Acq: 21 Mar 2019 22:09

Instrument :

BNA_M

ClientSampleId :

SB-19B(13.5-14.5)

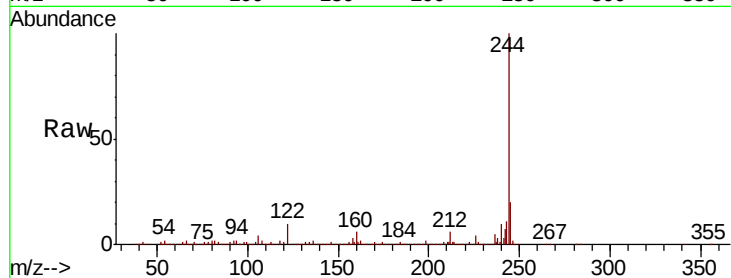
Tot Ion:244 Resp: 3147284

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.2

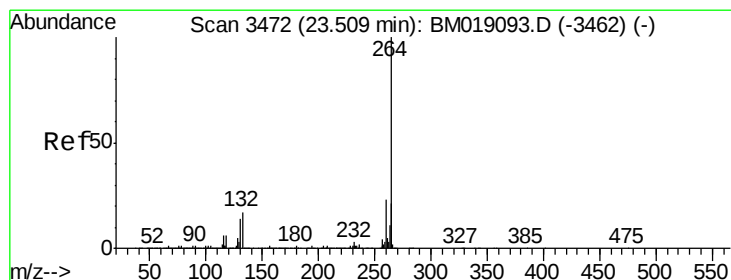
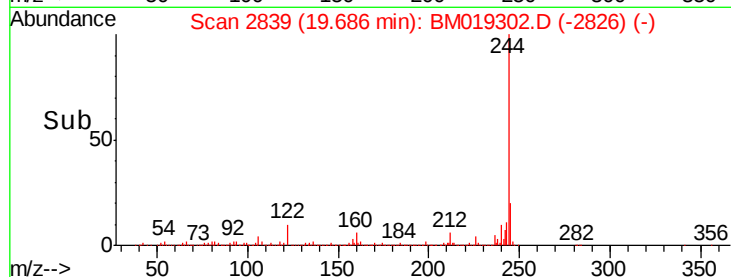
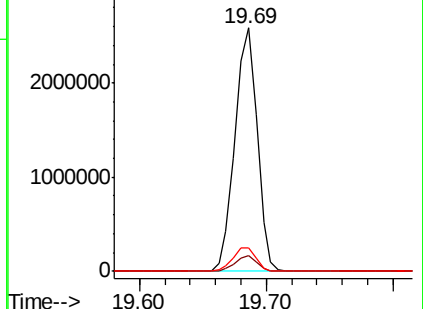
122 9.6 9.4 14.2



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: 23.47 min Scan# 3483

Delta R.T. -0.04 min

Lab File: BM019302.D

Acq: 21 Mar 2019 22:09

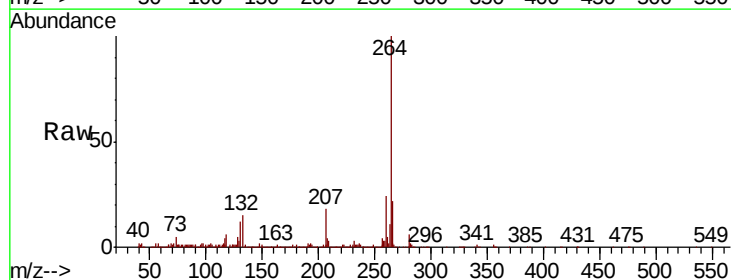
Tgt Ion:264 Resp: 813258

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 22.0 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

