

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032119\
 Data File : BM019303.D
 Acq On : 21 Mar 2019 22:45
 Operator : JU/SJ
 Sample : K2002-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-1(2-10)-COMP

Quant Time: Mar 22 04:45:15 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

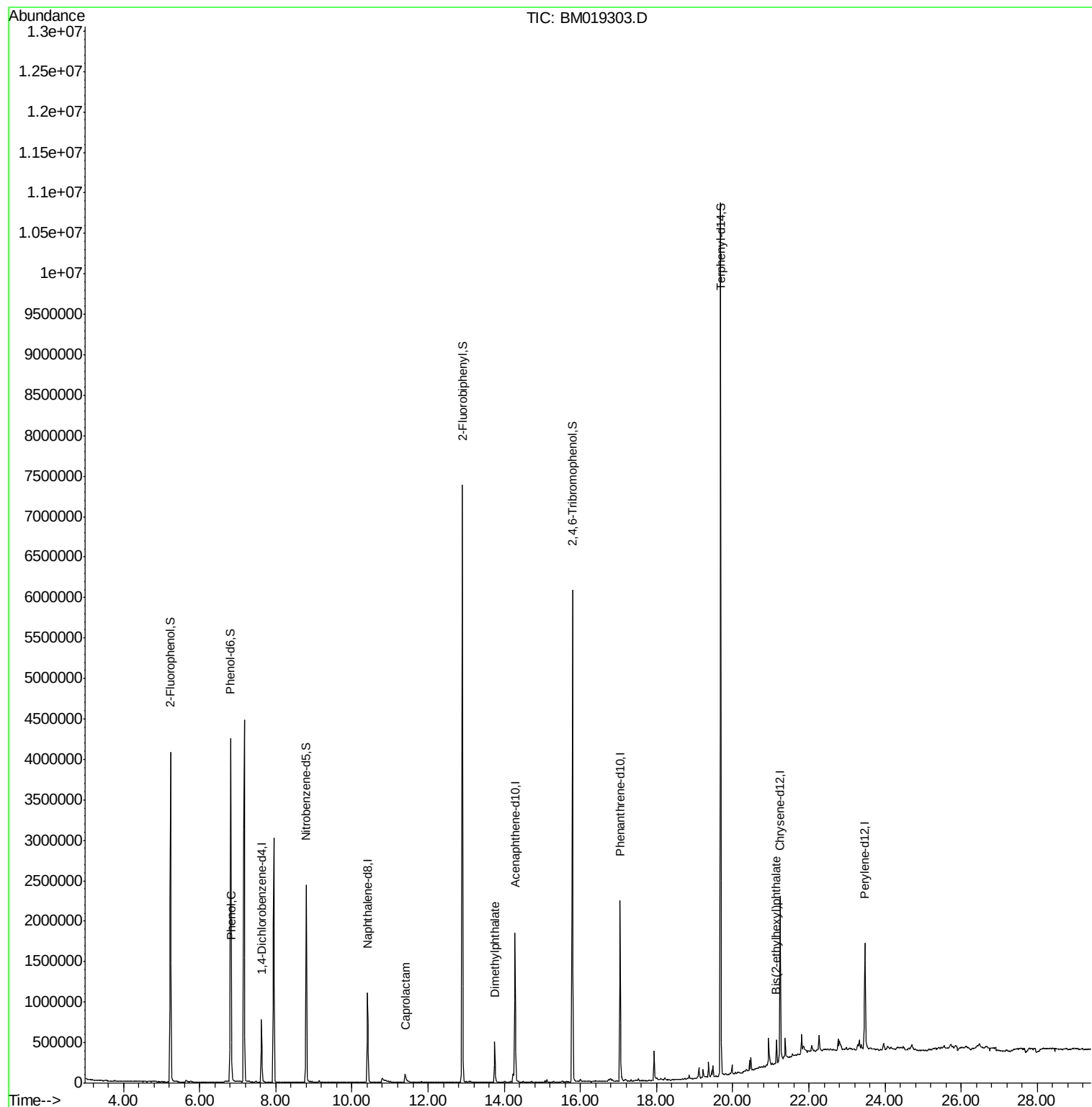
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	210096	20.00	ng	-0.04
21) Naphthalene-d8	10.41	136	925108	20.00	ng	-0.04
39) Acenaphthene-d10	14.29	164	584454	20.00	ng	-0.04
64) Phenanthrene-d10	17.04	188	1254046	20.00	ng	-0.03
76) Chrysene-d12	21.24	240	917692	20.00	ng	-0.03
87) Perylene-d12	23.47	264	924815	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1772149	136.60	ng	-0.02
7) Phenol-d6	6.82	99	2693302	141.93	ng	-0.03
23) Nitrobenzene-d5	8.80	82	1569075	80.17	ng	-0.04
42) 2,4,6-Tribromophenol	15.79	330	1262094	146.26	ng	-0.03
45) 2-Fluorobiphenyl	12.90	172	3790113	84.35	ng	-0.04
79) Terphenyl-d14	19.69	244	4828402	104.45	ng	-0.02
Target Compounds						
10) Phenol	6.84	94	78575	3.842	ng	93
35) Caprolactam	11.40	113	33868	6.844	ng	88
50) Dimethylphthalate	13.75	163	318871	6.378	ng	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	100559	2.733	ng	98

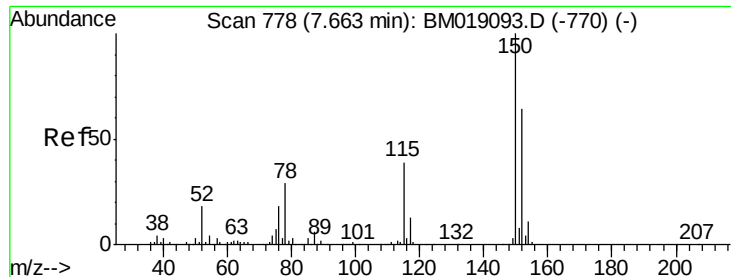
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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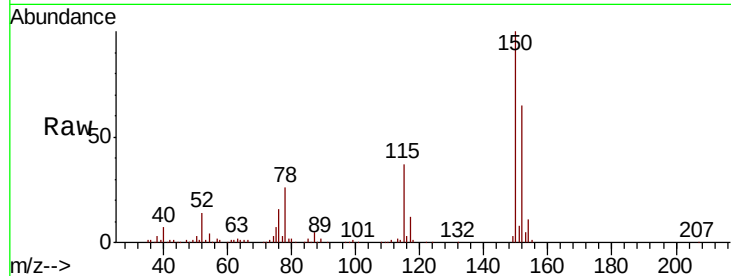


#1

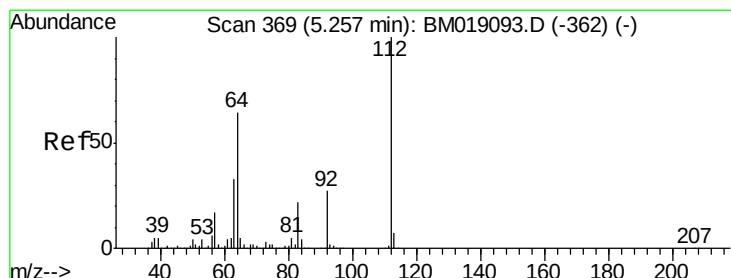
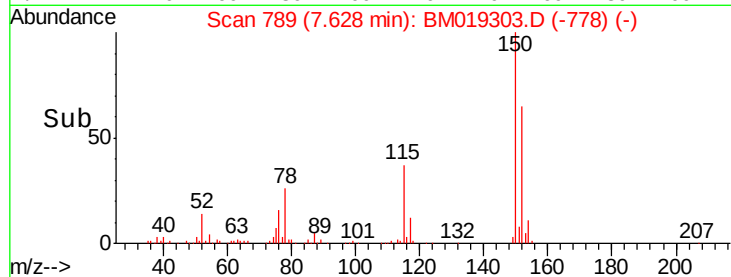
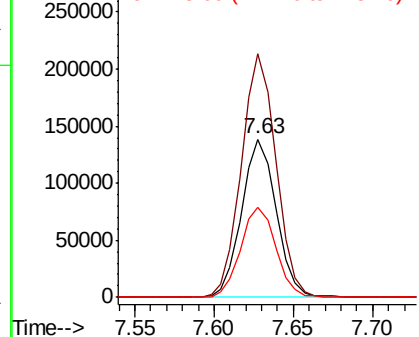
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.04 min
Lab File: BM019303.D
Acq: 21 Mar 2019 22:45

Instrument :
BNA_M
ClientSampleId :
S-1(2-10)-COMP

Tgt Ion:152 Resp: 210096
Ion Ratio Lower Upper
152 100
150 154.1 125.3 187.9
115 57.3 49.4 74.0



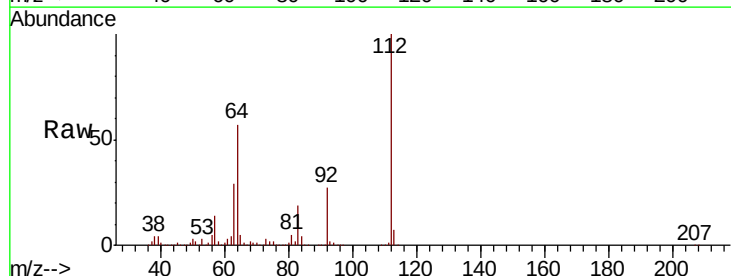
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



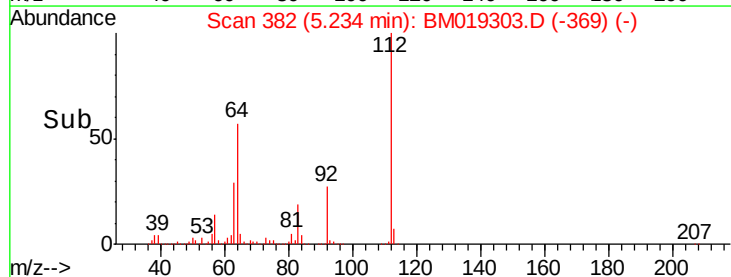
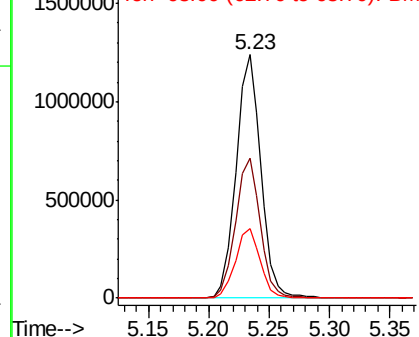
#5

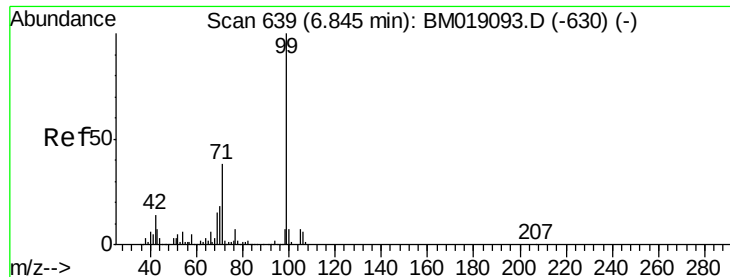
2-Fluorophenol
Concen: 136.602 ng
RT: 5.23 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM019303.D
Acq: 21 Mar 2019 22:45

Tgt Ion:112 Resp: 1772149
Ion Ratio Lower Upper
112 100
64 57.3 51.4 77.0
63 28.5 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: 141.933 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.03 min

Lab File: BM019303.D

Acq: 21 Mar 2019 22:45

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMP

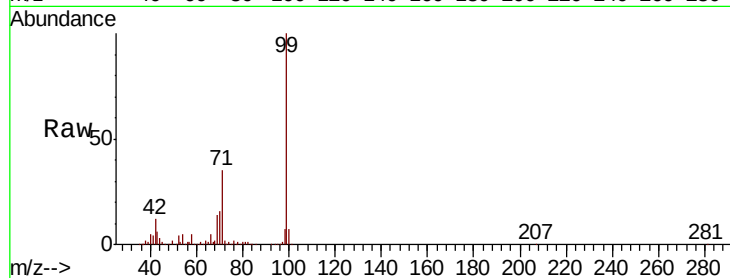
Tgt Ion: 99 Resp: 2693302

Ion Ratio Lower Upper

99 100

42 12.3 10.9 16.3

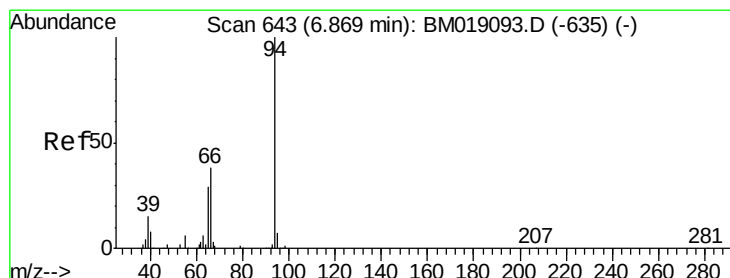
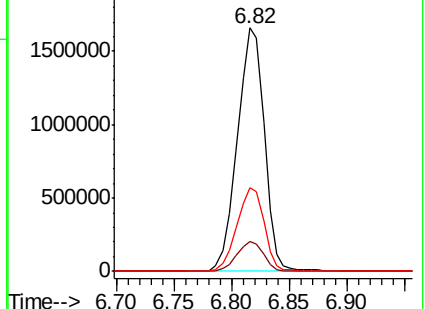
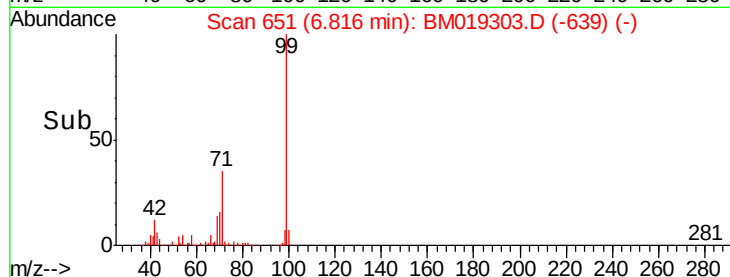
71 34.5 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019303.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019303.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019303.D (-639) (-)



#10

Phenol

Concen: 3.842 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM019303.D

Acq: 21 Mar 2019 22:45

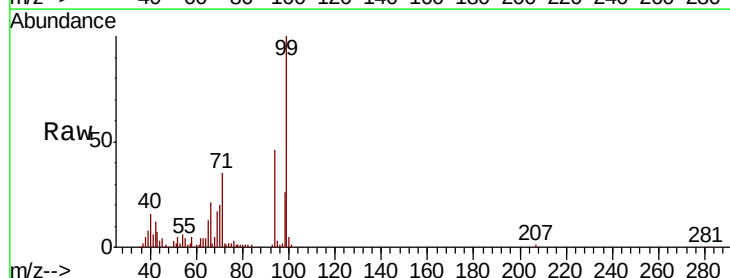
Tgt Ion: 94 Resp: 78575

Ion Ratio Lower Upper

94 100

65 28.8 9.7 49.7

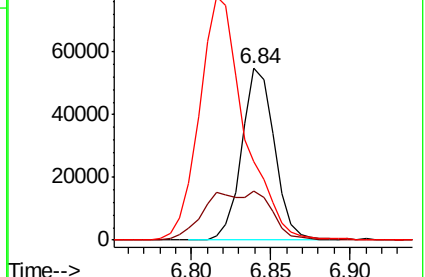
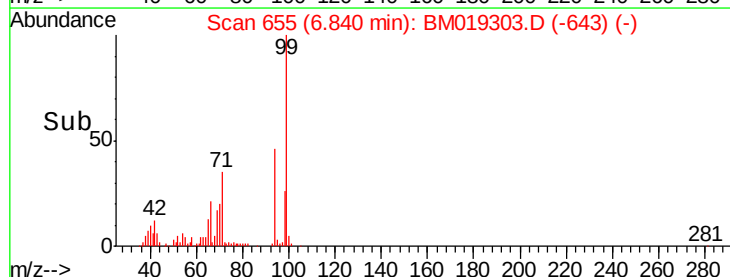
66 45.9 19.2 59.2

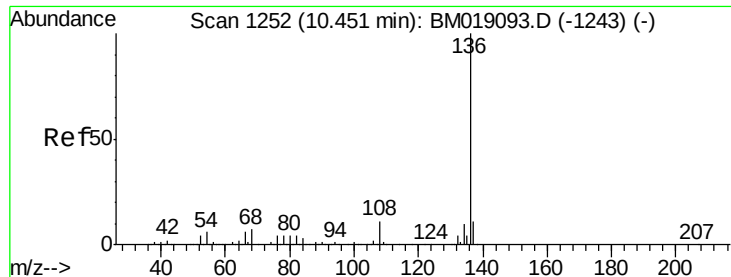


Abundance Ion 94.00 (93.70 to 94.70): BM019303.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM019303.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM019303.D (-643) (-)

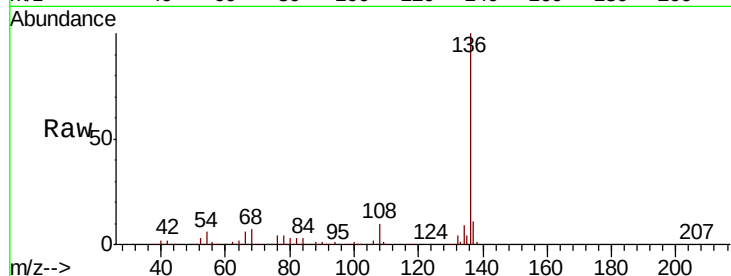




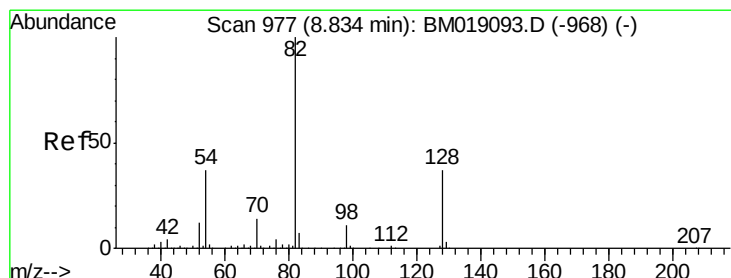
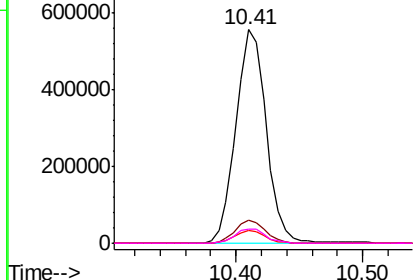
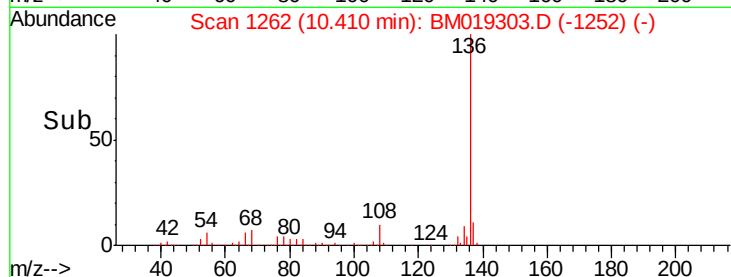
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1262
Delta R.T. -0.04 min
Lab File: BM019303.D
Acq: 21 Mar 2019 22:45

Instrument :
BNA_M
ClientSampleId :
S-1(2-10)-COMP

Tgt Ion: 136 Resp: 925108
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.0 5.2 7.8
68 6.9 5.8 8.8

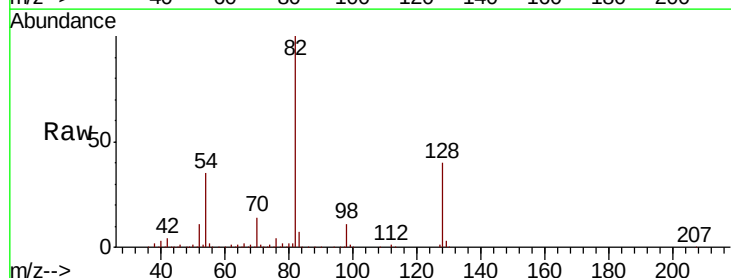


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

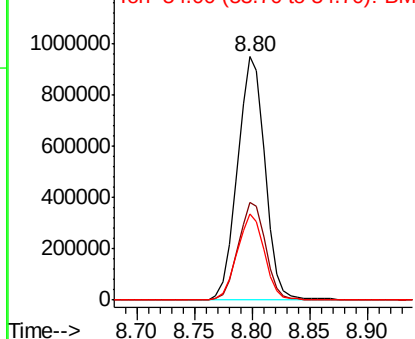
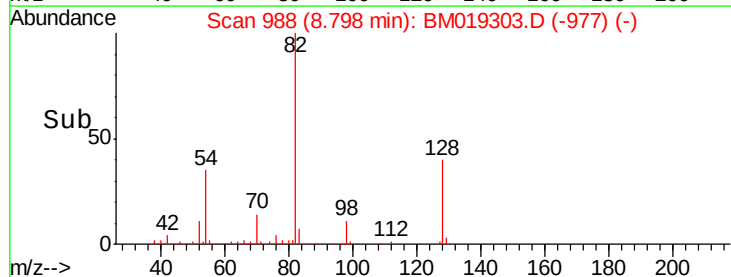


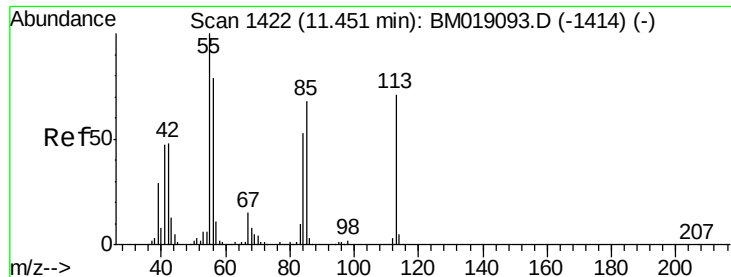
#23
Nitrobenzene-d5
Concen: 80.175 ng
RT: 8.80 min Scan# 988
Delta R.T. -0.04 min
Lab File: BM019303.D
Acq: 21 Mar 2019 22:45

Tgt Ion: 82 Resp: 1569075
Ion Ratio Lower Upper
82 100
128 39.9 29.4 44.2
54 35.2 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

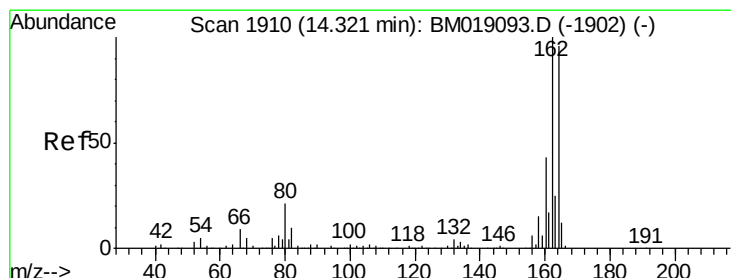
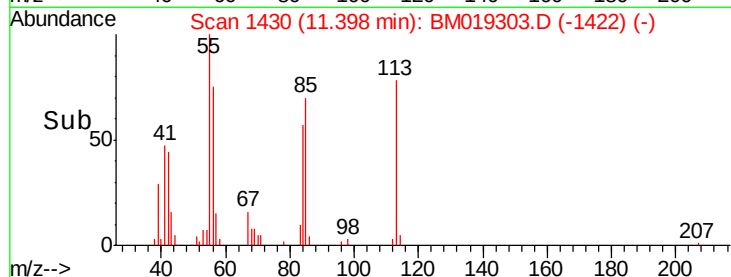
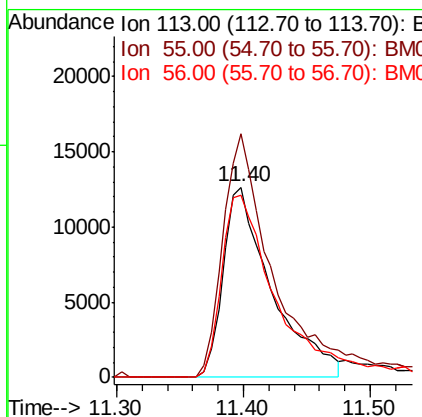
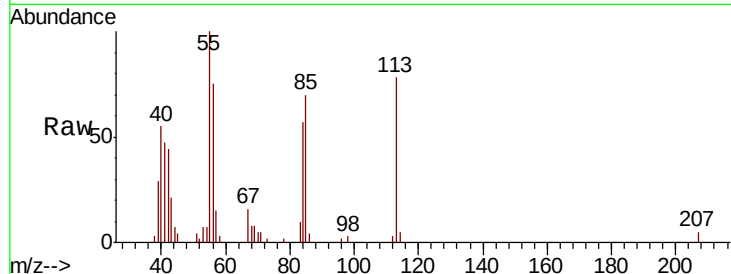




#35
 Caprolactam
 Concen: 6.844 ng
 RT: 11.40 min Scan# 1430
 Delta R.T. -0.05 min
 Lab File: BM019303.D
 Acq: 21 Mar 2019 22:45

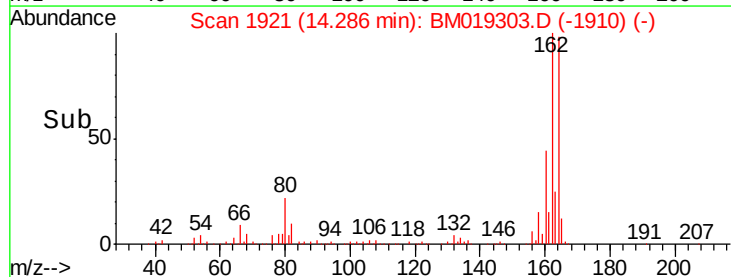
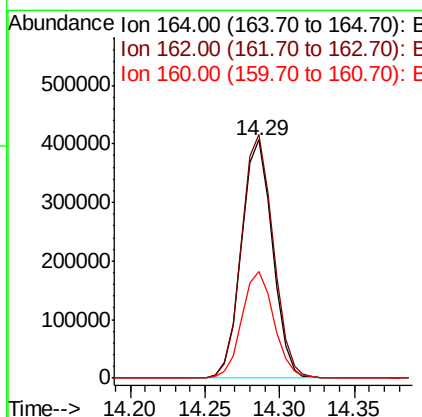
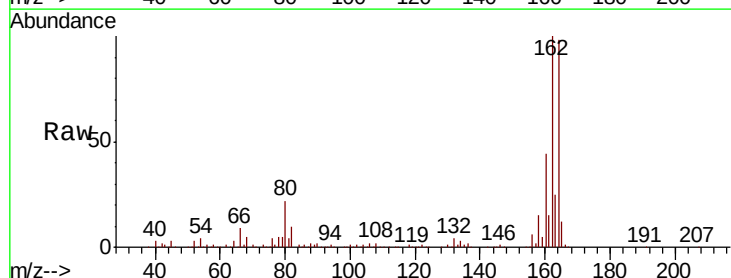
Instrument :
 BNA_M
 ClientSampleId :
 S-1(2-10)-COMP

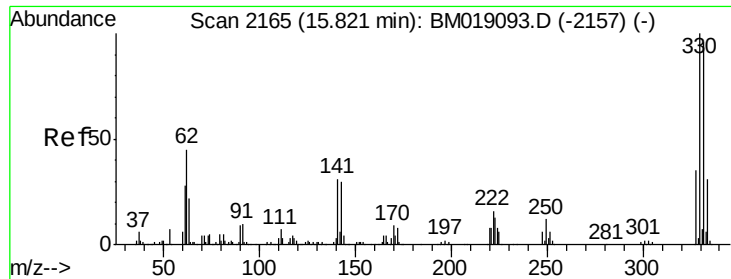
Tgt Ion:113 Resp: 33868
 Ion Ratio Lower Upper
 113 100
 55 127.9 120.1 160.1
 56 95.5 90.1 130.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1921
 Delta R.T. -0.04 min
 Lab File: BM019303.D
 Acq: 21 Mar 2019 22:45

Tgt Ion:164 Resp: 584454
 Ion Ratio Lower Upper
 164 100
 162 102.1 83.5 125.3
 160 45.0 36.3 54.5

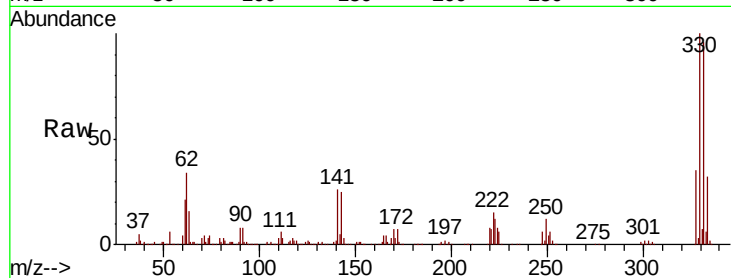




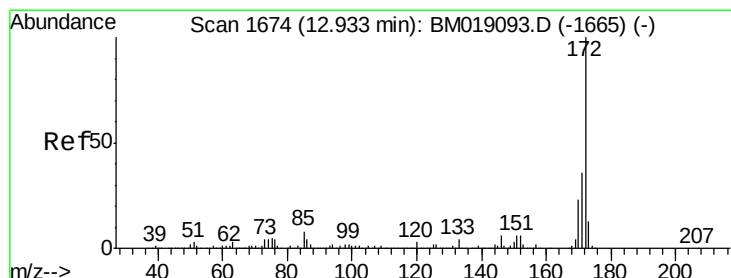
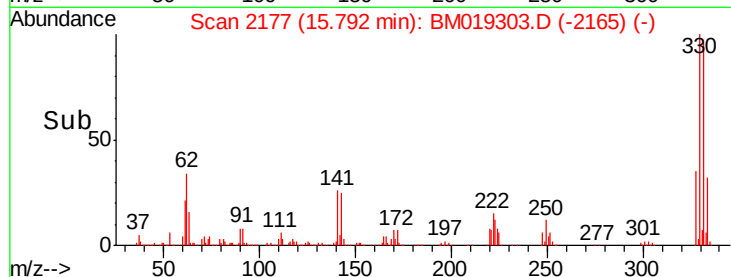
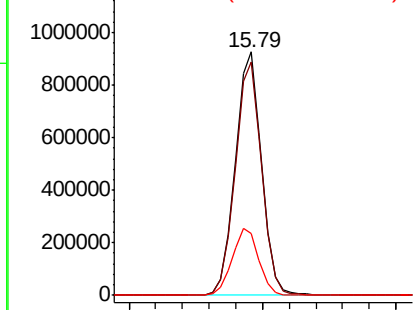
#42
 2,4,6-Tribromophenol
 Concen: 146.258 ng
 RT: 15.79 min Scan# 2177
 Delta R.T. -0.03 min
 Lab File: BM019303.D
 Acq: 21 Mar 2019 22:45

Instrument :
 BNA_M
 ClientSampleId :
 S-1(2-10)-COMP

Tgt Ion:330 Resp: 1262094
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.8 115.2
 141 28.3 27.0 40.4

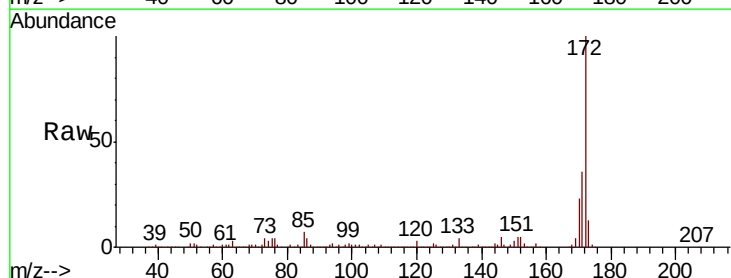


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

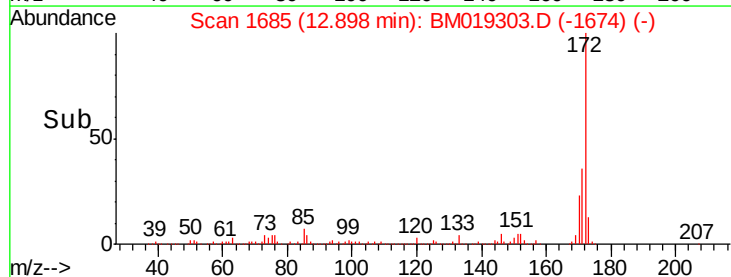
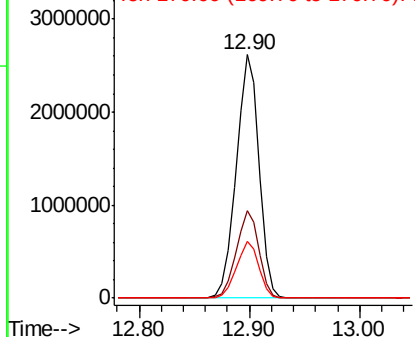


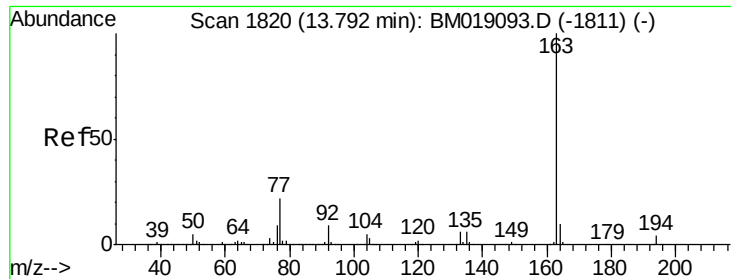
#45
 2-Fluorobiphenyl
 Concen: 84.353 ng
 RT: 12.90 min Scan# 1685
 Delta R.T. -0.04 min
 Lab File: BM019303.D
 Acq: 21 Mar 2019 22:45

Tgt Ion:172 Resp: 3790113
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 42.8
 170 23.2 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: 6.378 ng

RT: 13.75 min Scan# 1830

Delta R.T. -0.04 min

Lab File: BM019303.D

Acq: 21 Mar 2019 22:45

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMP

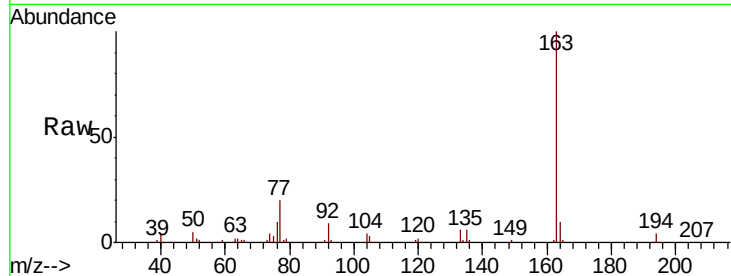
Tgt Ion:163 Resp: 318871

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

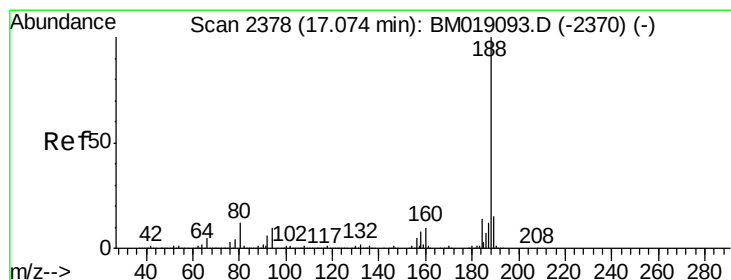
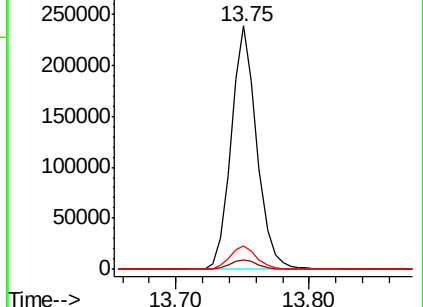
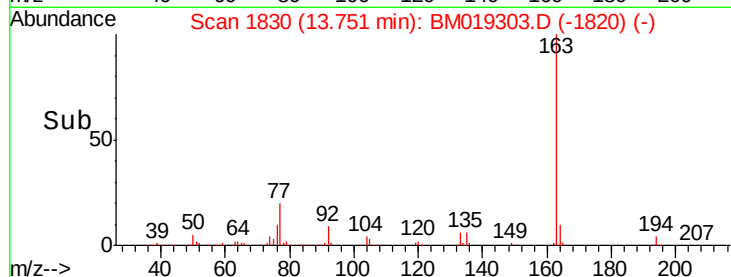
164 9.9 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2390

Delta R.T. -0.03 min

Lab File: BM019303.D

Acq: 21 Mar 2019 22:45

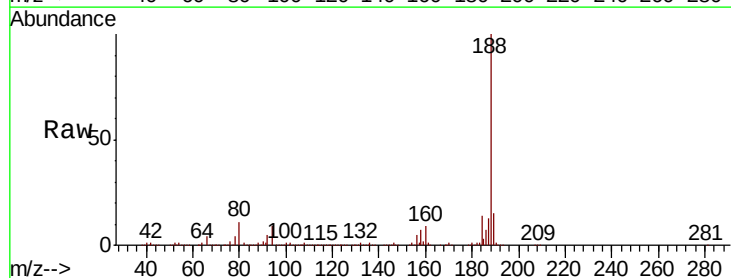
Tgt Ion:188 Resp: 1254046

Ion Ratio Lower Upper

188 100

94 9.2 8.1 12.1

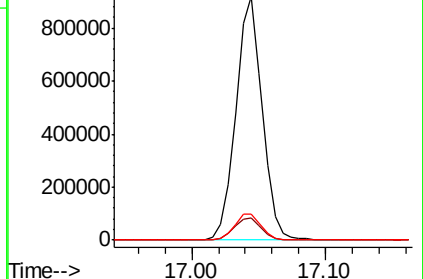
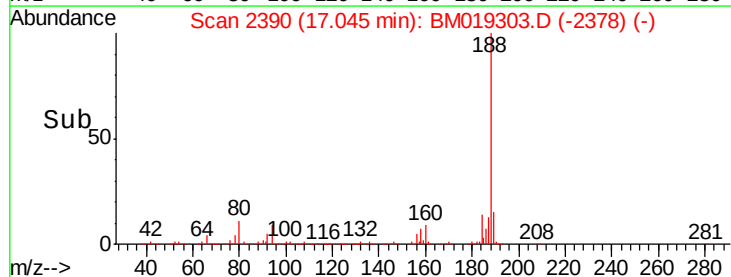
80 10.8 9.7 14.5

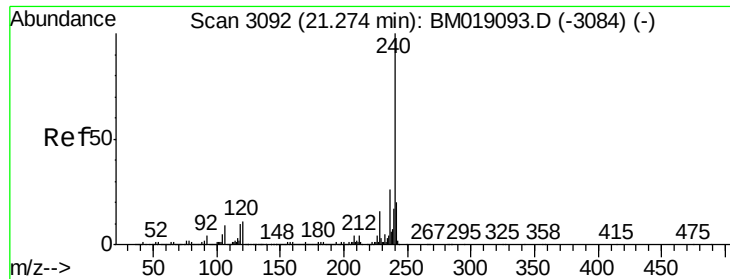


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

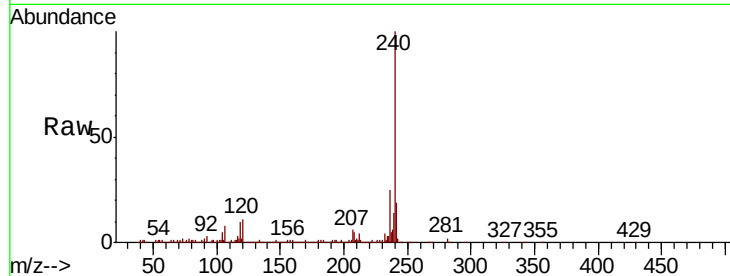




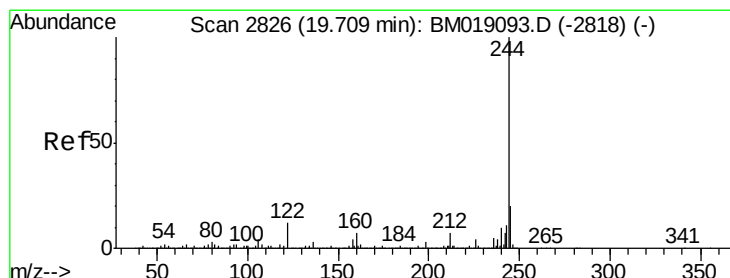
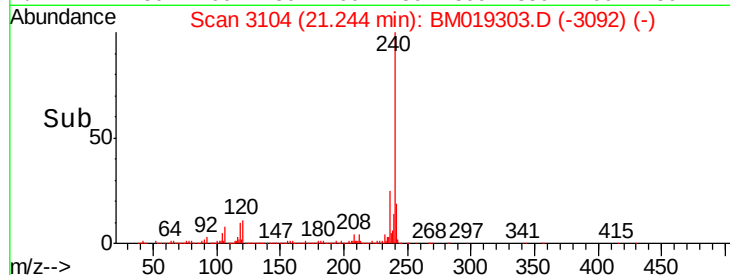
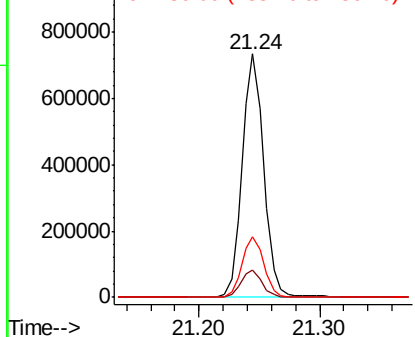
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.03 min
Lab File: BM019303.D
Acq: 21 Mar 2019 22:45

Instrument :
BNA_M
ClientSampleId :
S-1(2-10)-COMP

Tgt Ion:240 Resp: 917692
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 24.7 21.0 31.4

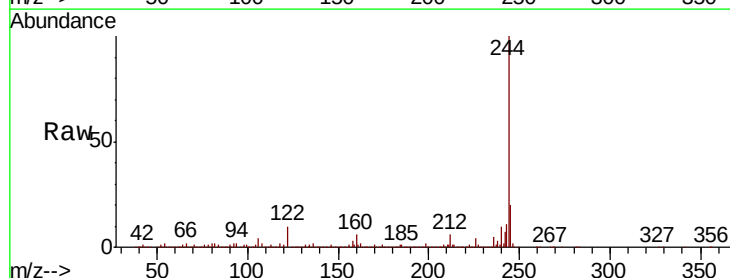


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

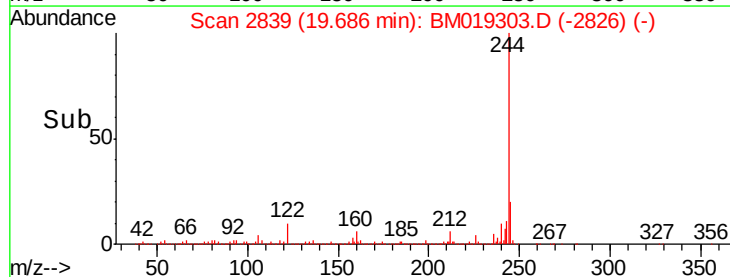
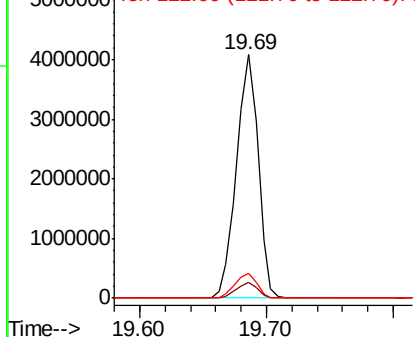


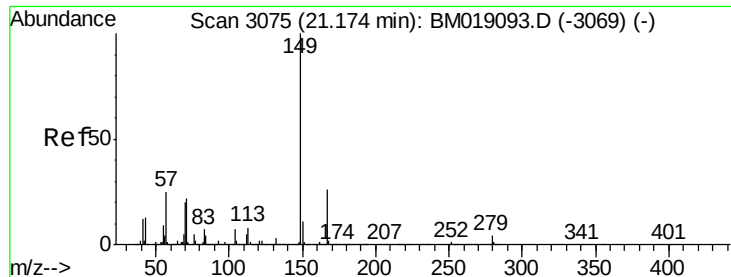
#79
Terphenyl-d14
Concen: 104.452 ng
RT: 19.69 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BM019303.D
Acq: 21 Mar 2019 22:45

Tgt Ion:244 Resp: 4828402
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.2
122 10.2 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





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.733 ng

RT: 21.15 min Scan# 3088

Delta R.T. -0.02 min

Lab File: BM019303.D

Acq: 21 Mar 2019 22:45

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMP

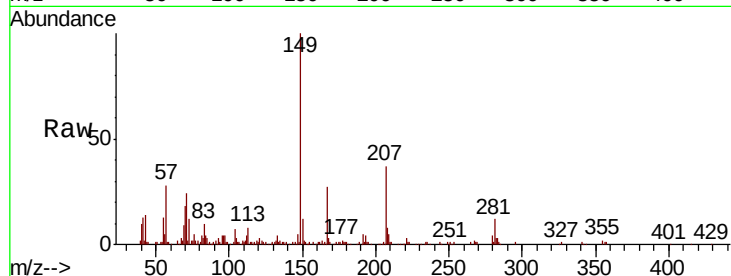
Tgt Ion:149 Resp: 100559

Ion Ratio Lower Upper

149 100

167 27.4 21.1 31.7

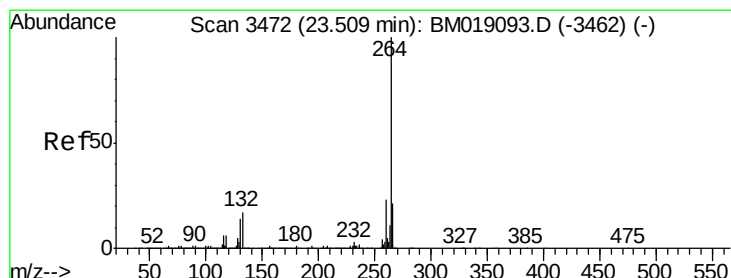
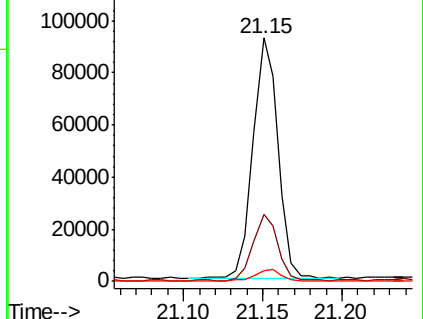
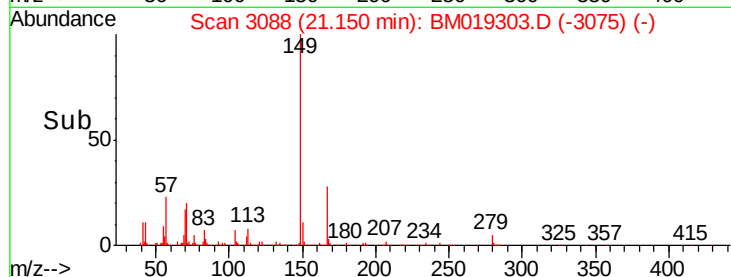
279 4.4 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.47 min Scan# 3483

Delta R.T. -0.04 min

Lab File: BM019303.D

Acq: 21 Mar 2019 22:45

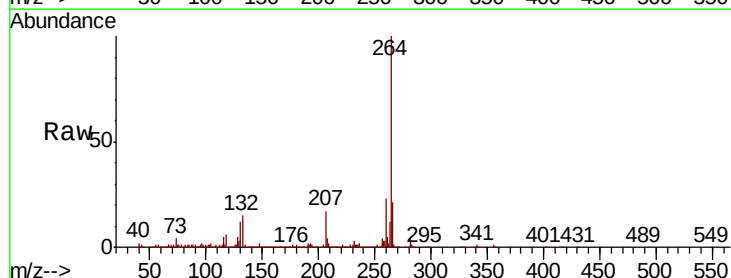
Tgt Ion:264 Resp: 924815

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.4 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

