

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019032.D
 Acq On : 05 Mar 2019 05:17
 Operator : JU/SJ
 Sample : K1688-18
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-030119-I

Quant Time: Mar 05 07:09:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	210206	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	825453	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	484926	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	1107491	20.00	ng	0.00
76) Chrysene-d12	21.28	240	937216	20.00	ng	0.00
87) Perylene-d12	23.53	264	879064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1877206	146.32	ng	0.00
7) Phenol-d6	6.86	99	2441973	135.11	ng	0.00
23) Nitrobenzene-d5	8.85	82	1801162	100.89	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1172754	167.77	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3467661	94.93	ng	0.00
79) Terphenyl-d14	19.72	244	6128464	134.89	ng	0.00

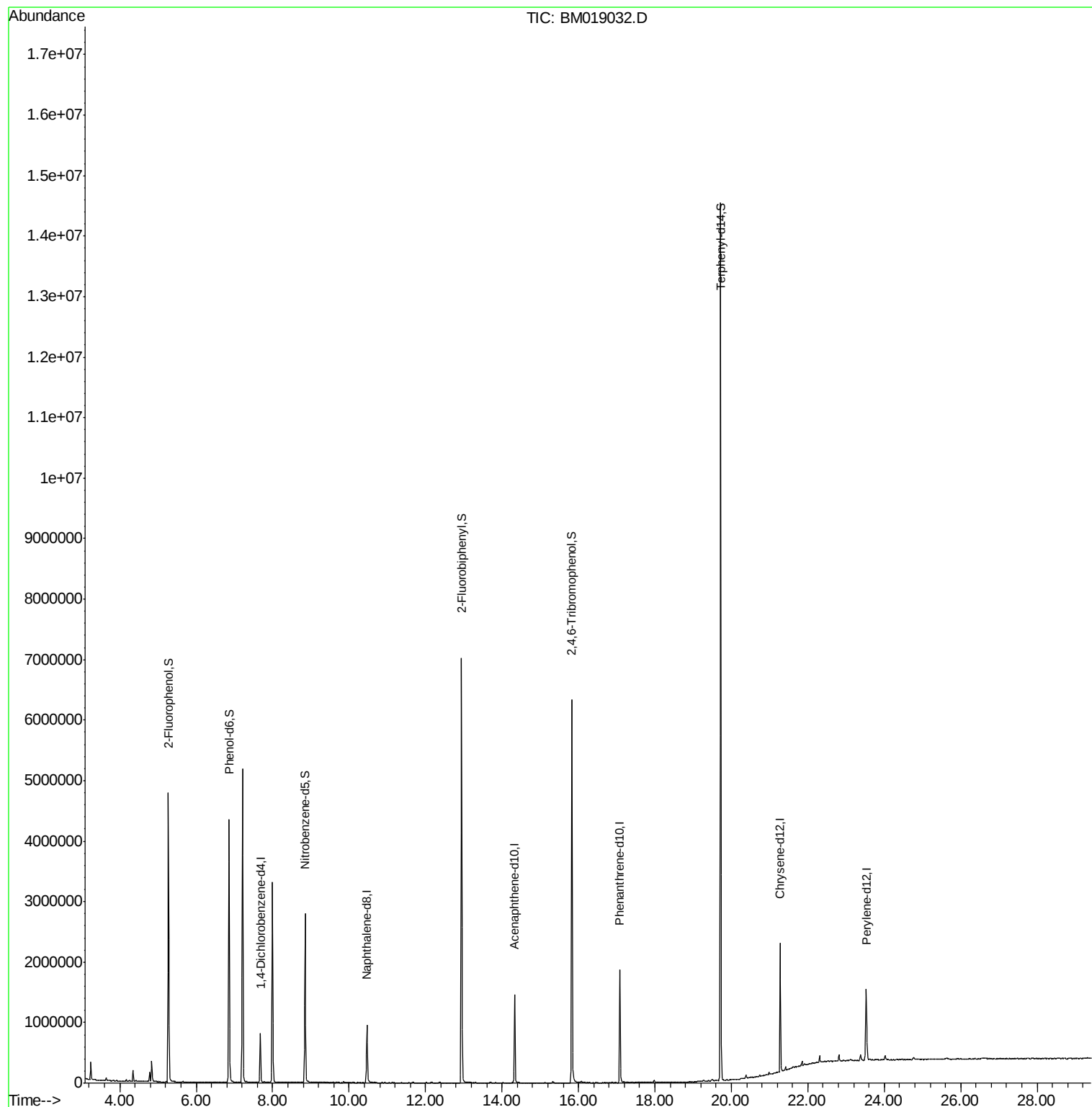
Target Compounds Qvalue

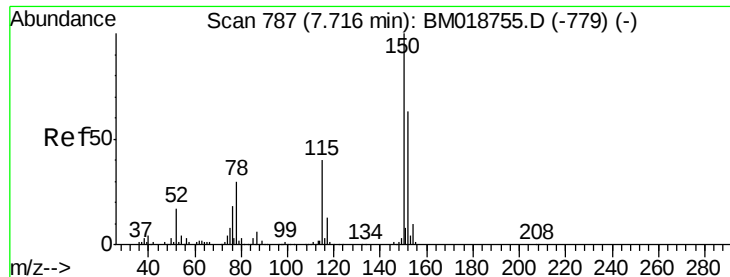
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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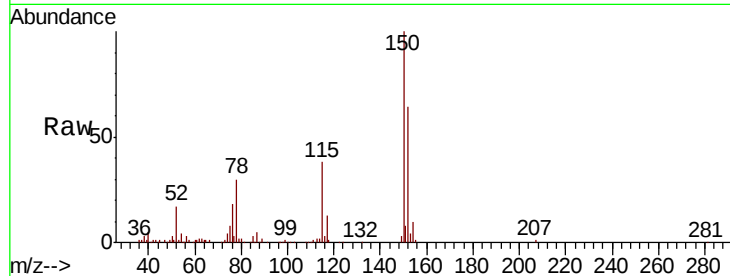


#1

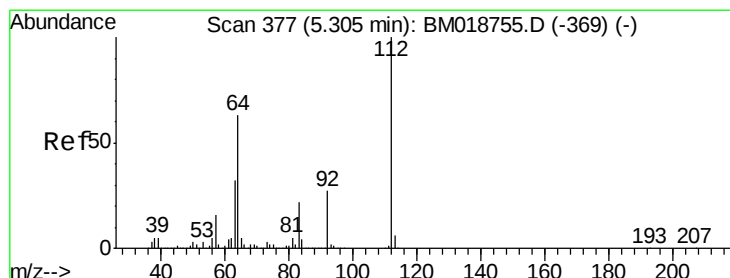
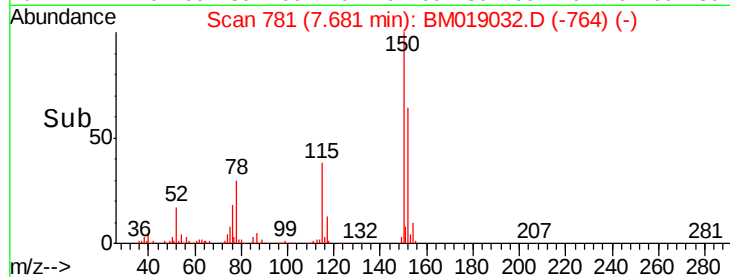
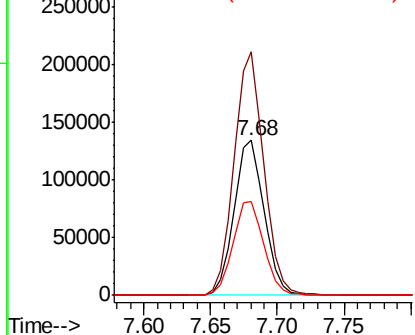
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.00 min
Lab File: BM019032.D
Acq: 05 Mar 2019 05:17

Instrument :
BNA_M
ClientSampleId :
JC-03-030119-I

Tot Ion:152 Resp: 210206
Ion Ratio Lower Upper
152 100
150 157.3 127.3 190.9
115 60.4 50.8 76.2



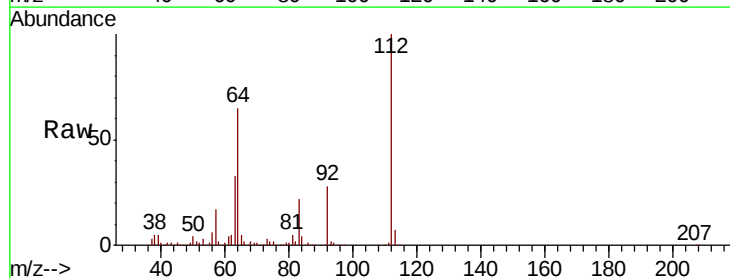
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



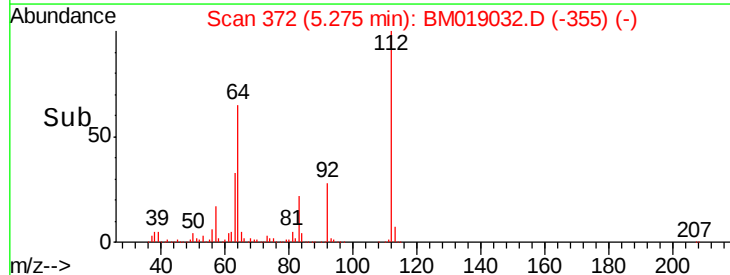
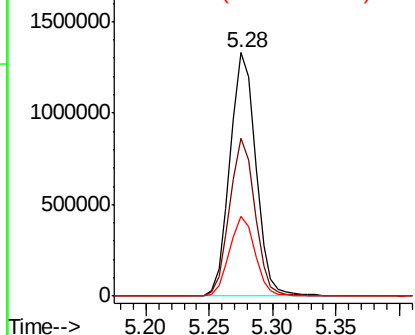
#5

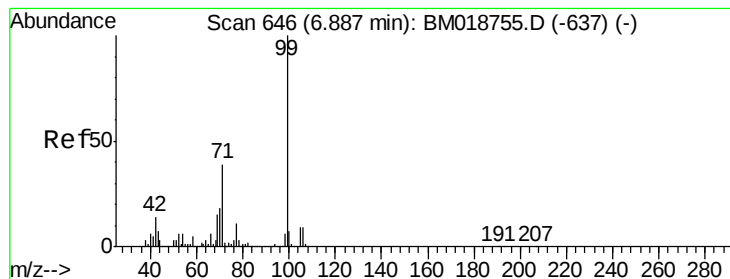
2-Fluorophenol
Concen: 146.321 ng
RT: 5.28 min Scan# 372
Delta R.T. -0.00 min
Lab File: BM019032.D
Acq: 05 Mar 2019 05:17

Tgt Ion:112 Resp: 1877206
Ion Ratio Lower Upper
112 100
64 64.8 50.6 75.8
63 32.5 25.7 38.5



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: 135.114 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM019032.D

Acq: 05 Mar 2019 05:17

Instrument :

BNA_M

ClientSampleId :

JC-03-030119-I

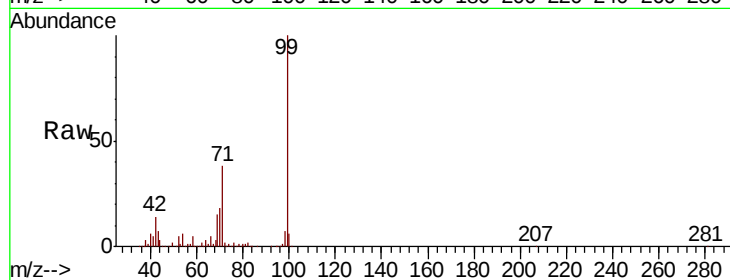
Tot Ion: 99 Resp: 2441973

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

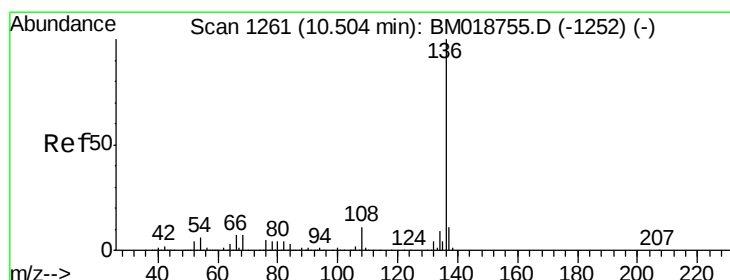
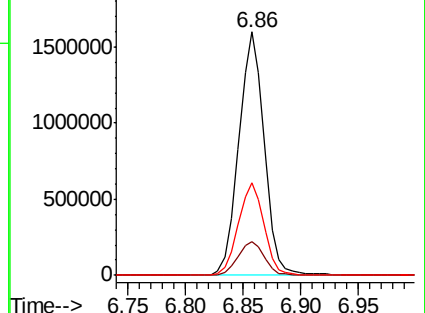
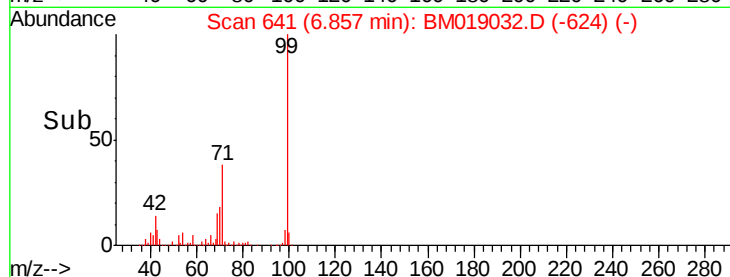
71 37.8 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM019032.D

Acq: 05 Mar 2019 05:17

Tgt Ion: 136 Resp: 825453

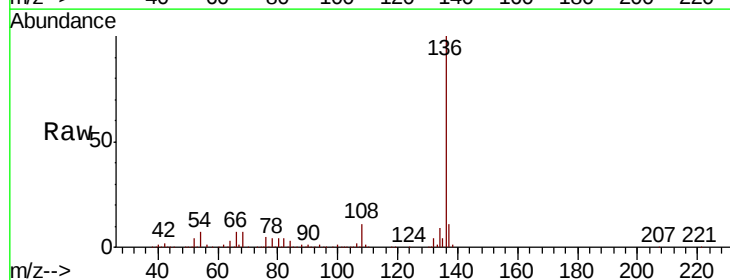
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 6.9 5.0 7.6

68 7.2 5.5 8.3

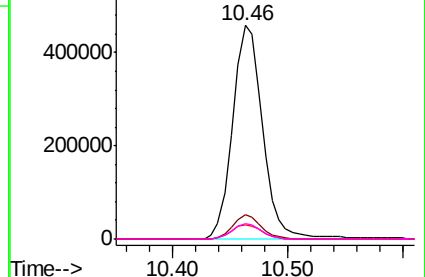
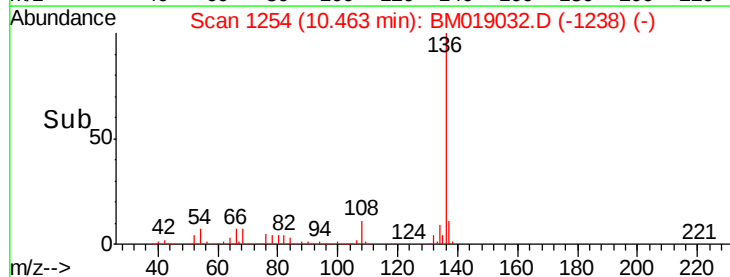


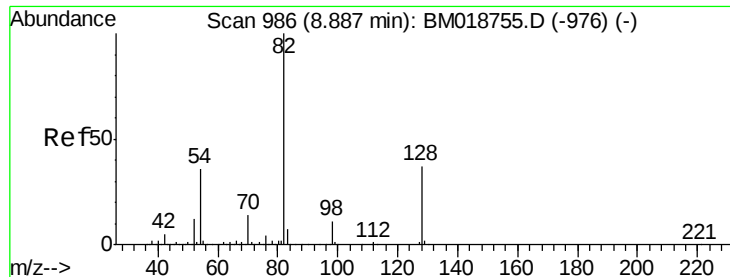
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

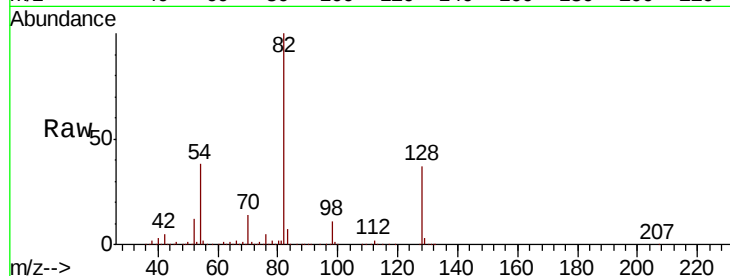




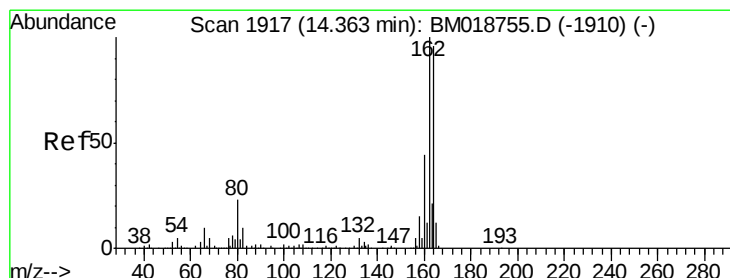
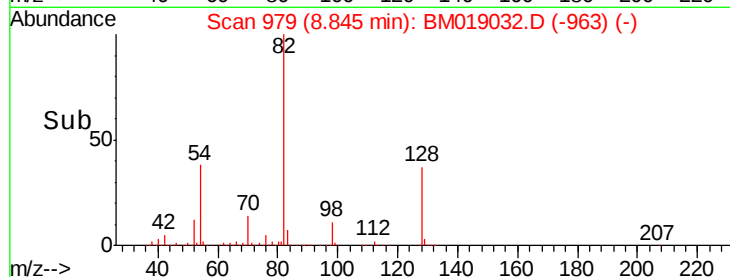
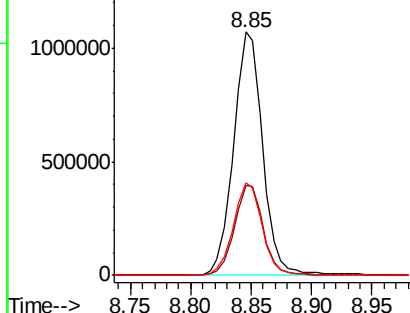
#23
Nitrobenzene-d5
Concen: 100.894 ng
RT: 8.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BM019032.D
Acq: 05 Mar 2019 05:17

Instrument :
BNA_M
ClientSampleId :
JC-03-030119-I

Tot Ion: 82 Resp: 1801162
Ion Ratio Lower Upper
82 100
128 36.7 29.9 44.9
54 38.1 29.1 43.7

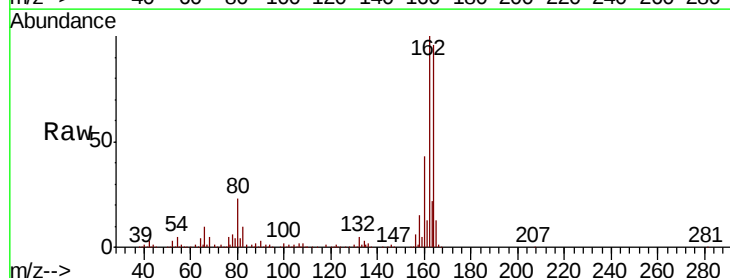


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

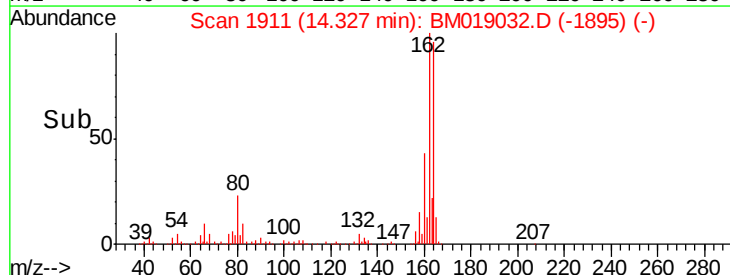
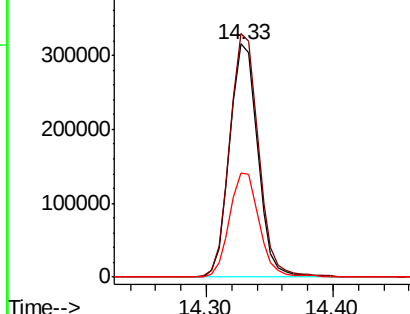


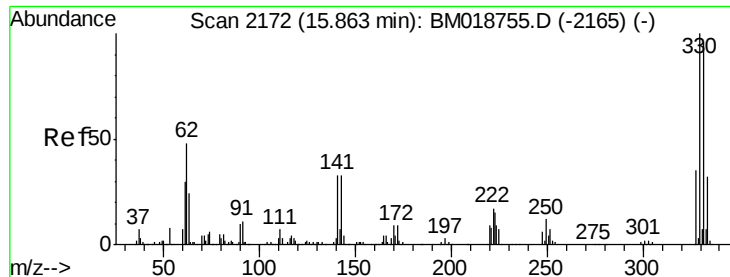
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM019032.D
Acq: 05 Mar 2019 05:17

Tgt Ion:164 Resp: 484926
Ion Ratio Lower Upper
164 100
162 104.5 83.4 125.0
160 44.9 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)
Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)
Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)

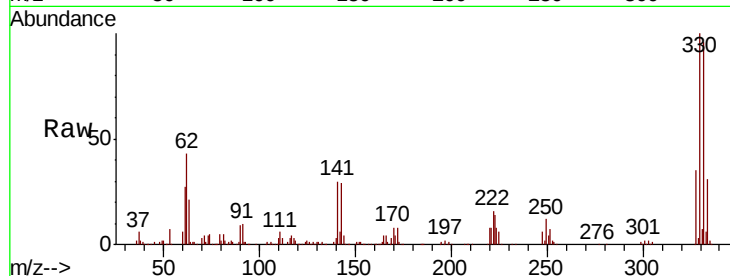




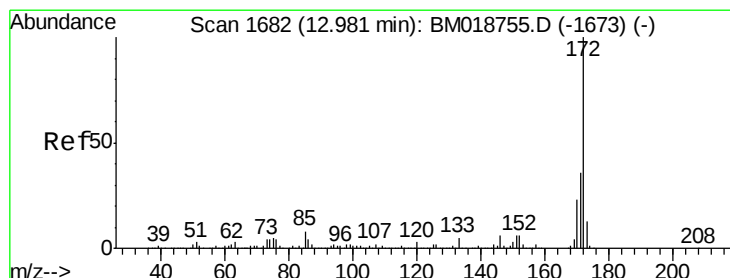
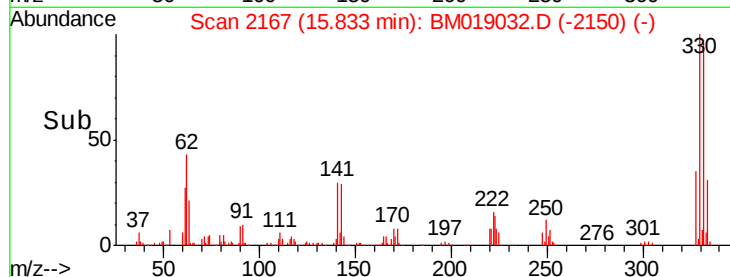
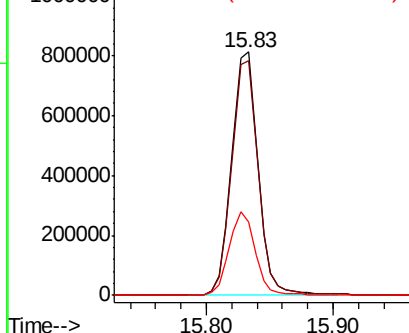
#42
 2,4,6-Tribromophenol
 Concen: 167.774 ng
 RT: 15.83 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BM019032.D
 Acq: 05 Mar 2019 05:17

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-030119-I

Tot Ion:330 Resp: 1172754
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.9 115.3
 141 34.1 28.7 43.1

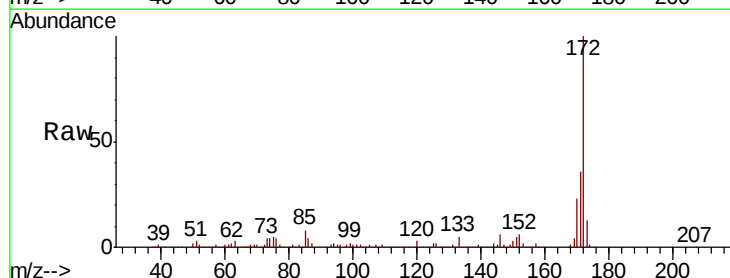


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

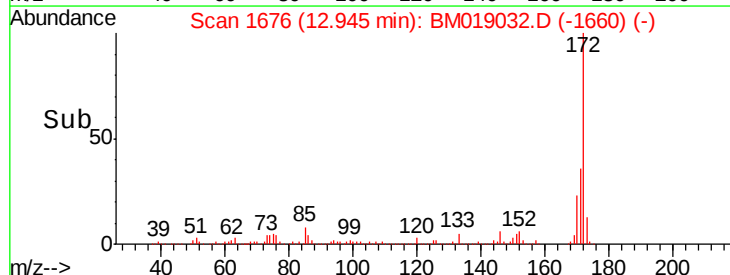
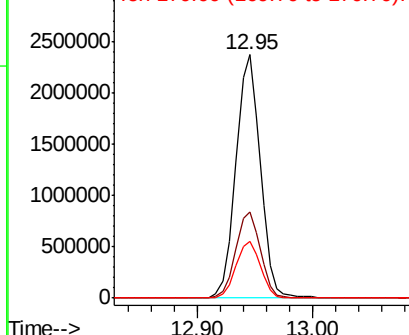


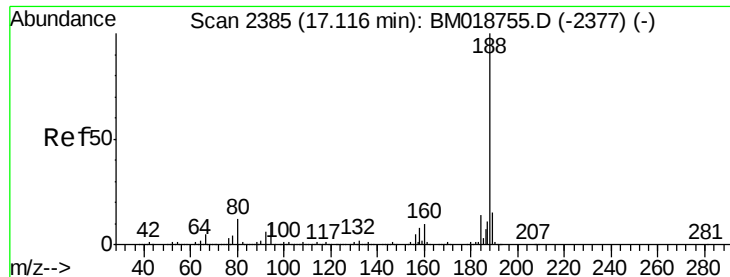
#45
 2-Fluorobiphenyl
 Concen: 94.927 ng
 RT: 12.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM019032.D
 Acq: 05 Mar 2019 05:17

Tgt Ion:172 Resp: 3467661
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.6
 170 23.3 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: 17.08 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BM019032.D

Acq: 05 Mar 2019 05:17

Instrument :

BNA_M

ClientSampleId :

JC-03-030119-I

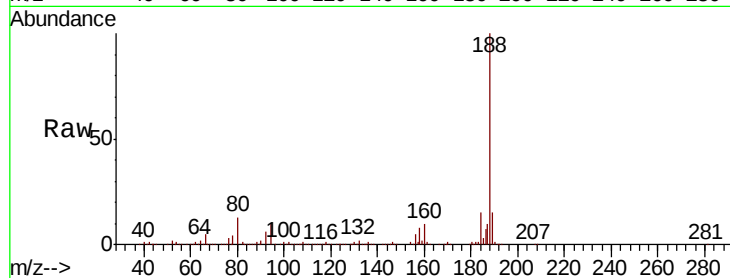
Tot Ion:188 Resp: 1107491

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

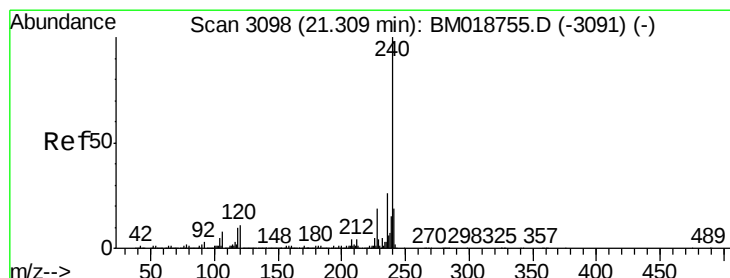
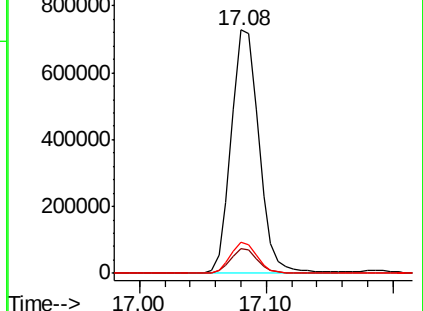
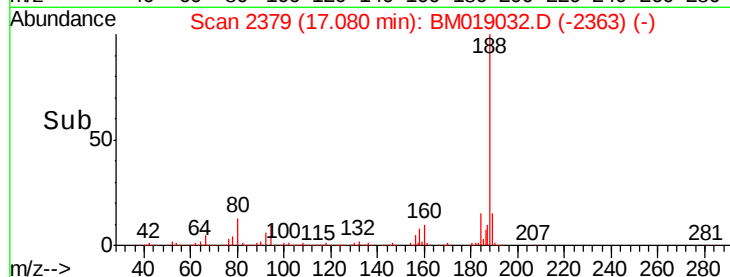
80 12.7 9.7 14.5



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: 21.28 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM019032.D

Acq: 05 Mar 2019 05:17

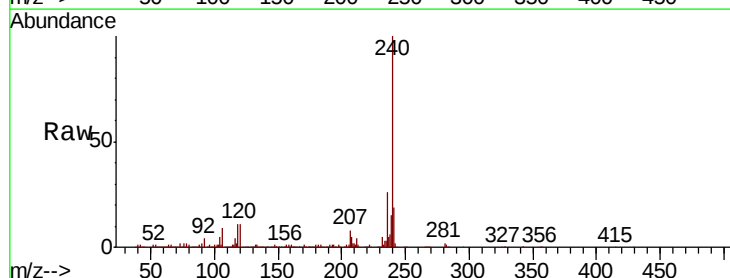
Tgt Ion:240 Resp: 937216

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

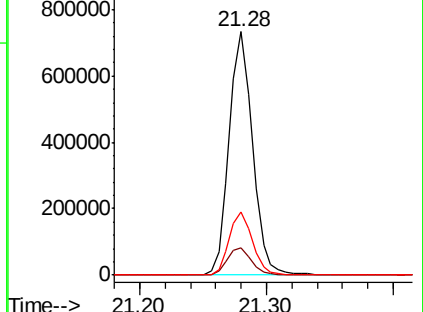
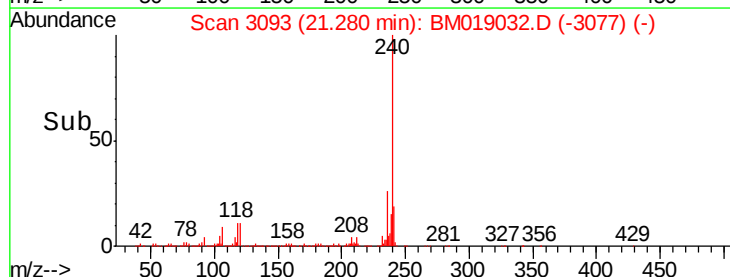
236 25.8 20.9 31.3

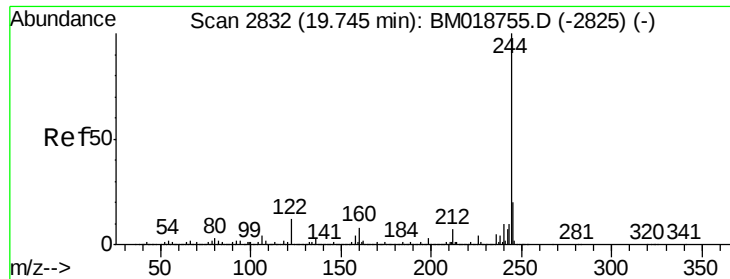


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

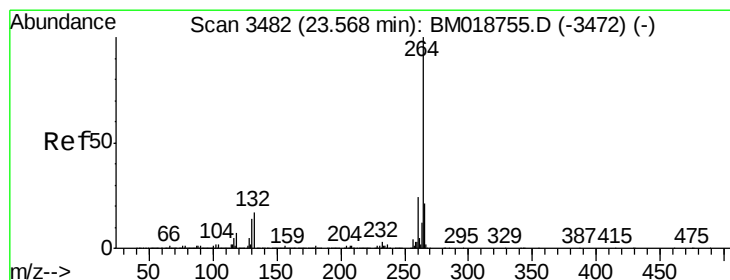
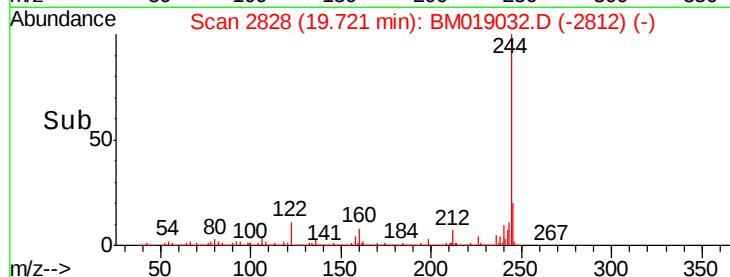
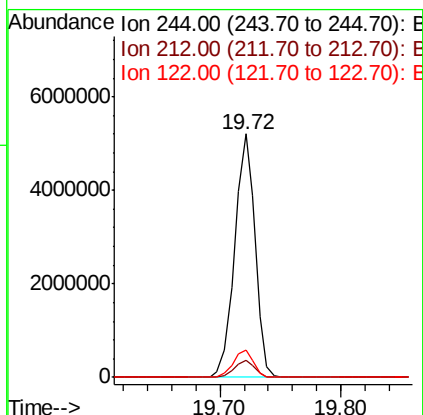
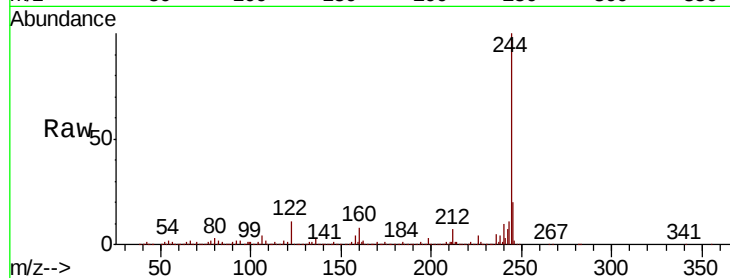




#79
 Terphenyl-d14
 Concen: 134.893 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.01 min
 Lab File: BM019032.D
 Acq: 05 Mar 2019 05:17

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-030119-I

Tot Ion:244 Resp: 6128464
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.3 9.3 13.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.53 min Scan# 3475
 Delta R.T. -0.01 min
 Lab File: BM019032.D
 Acq: 05 Mar 2019 05:17

Tgt Ion:264 Resp: 879064
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.4 17.3 25.9

