

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
 Data File : BM018511.D
 Acq On : 10 Jan 2019 16:40
 Operator : JU/SJ
 Sample : K1006-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-010819-I

Quant Time: Jan 11 03:26:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	490314	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1974444	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1198293	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2999674	20.00	ng	0.00
76) Chrysene-d12	21.36	240	3343820	20.00	ng	0.00
87) Perylene-d12	23.64	264	3349466	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	3110184	117.13	ng	0.00
7) Phenol-d6	6.94	99	3616698	107.24	ng	0.00
23) Nitrobenzene-d5	8.93	82	2803868	82.32	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	2258887	148.05	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	7518596	81.87	ng	0.00
79) Terphenyl-d14	19.79	244	12037596	75.89	ng	0.00

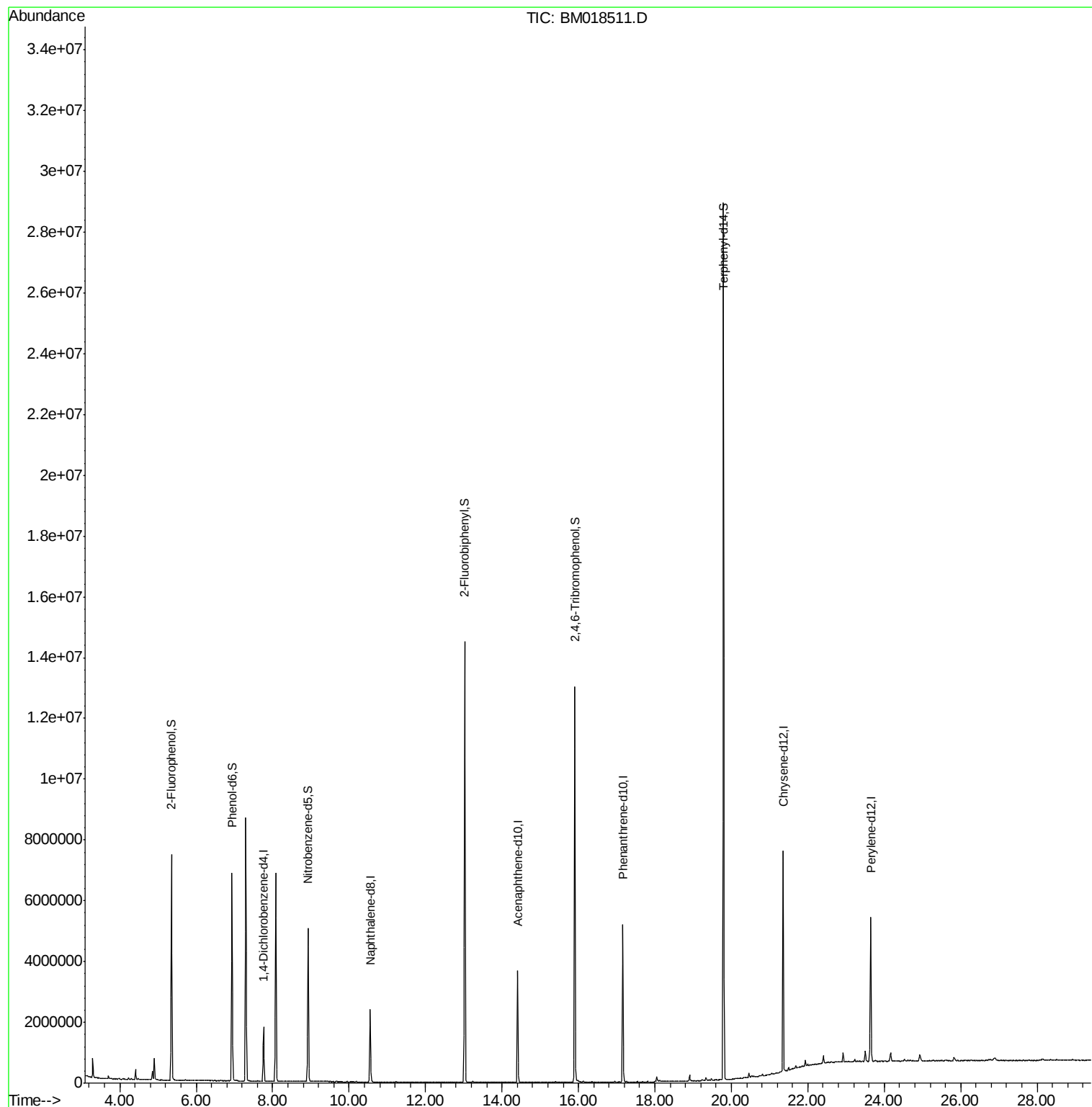
Target Compounds Qvalue

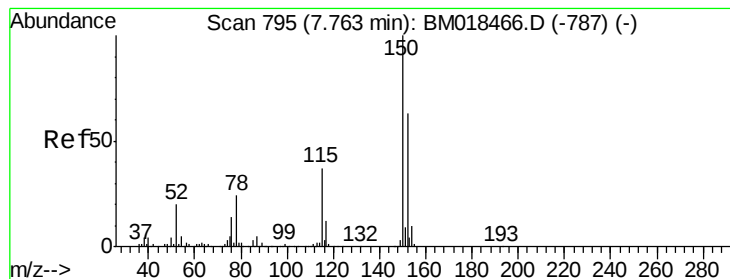
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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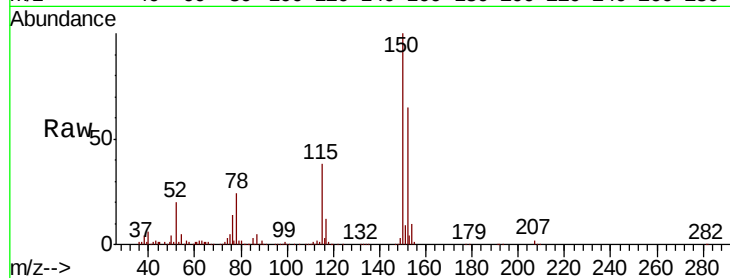


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM018511.D
Acq: 10 Jan 2019 16:40

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-I

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.9	190.3
115	58.5	45.5	68.3

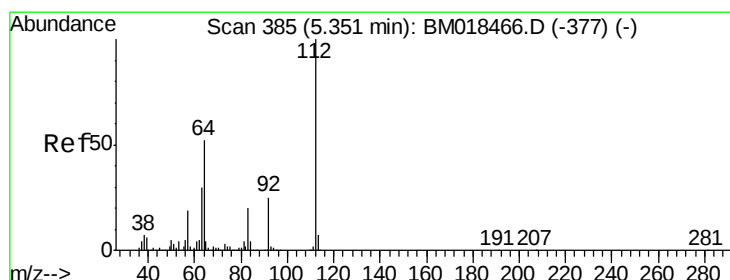
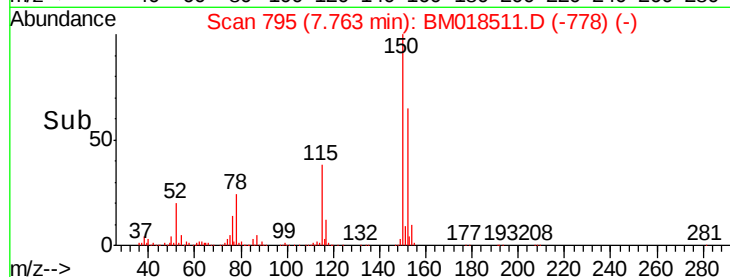
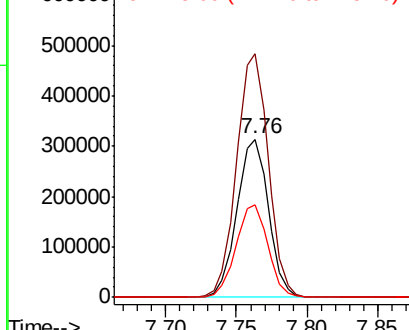


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

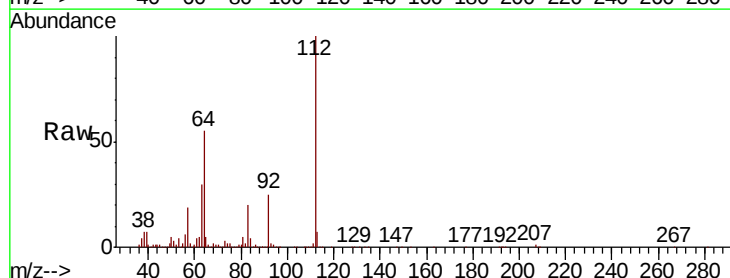
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 117.128 ng
RT: 5.35 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM018511.D
Acq: 10 Jan 2019 16:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.5	69.7
63	30.2	25.2	37.8

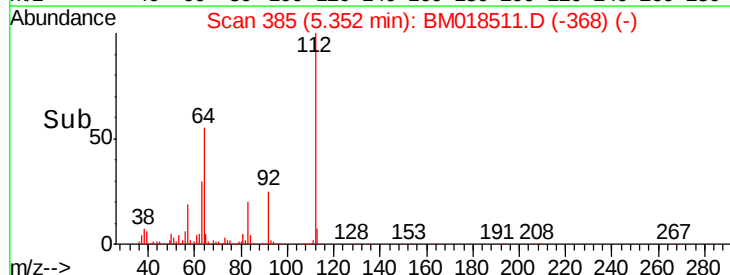
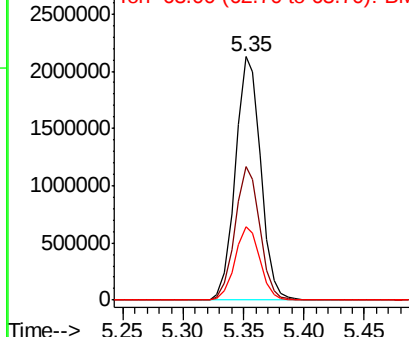


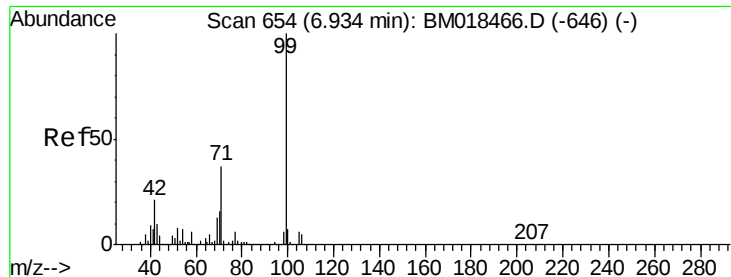
Abundance

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: 107.236 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018511.D

Acq: 10 Jan 2019 16:40

Instrument :

BNA_M

ClientSampleId :

JC-03-010819-I

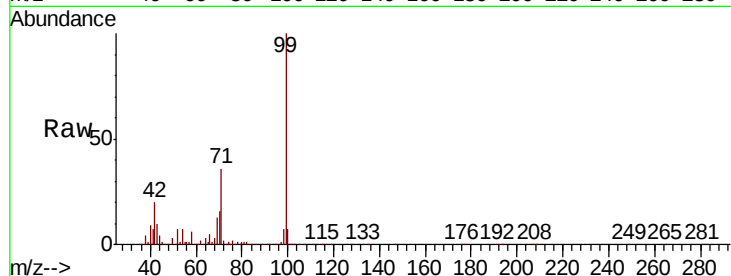
Tot Ion: 99 Resp: 3616698

Ion Ratio Lower Upper

99 100

42 20.0 17.3 25.9

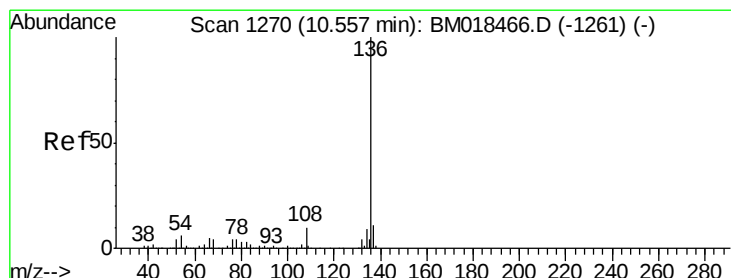
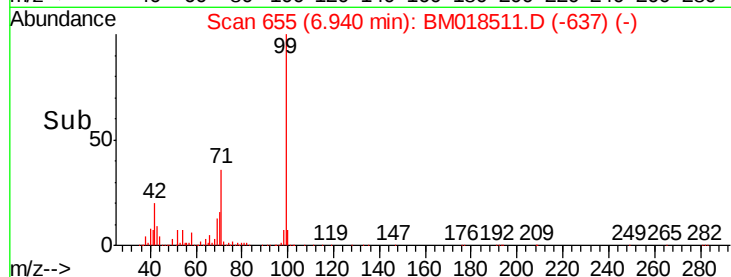
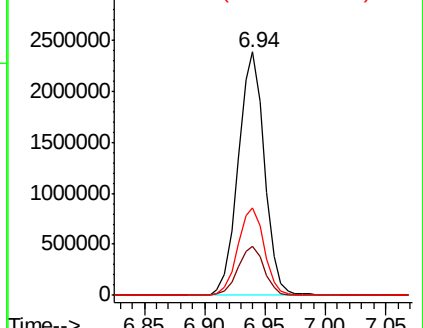
71 36.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BM018511.D

Acq: 10 Jan 2019 16:40

Tgt Ion: 136 Resp: 1974444

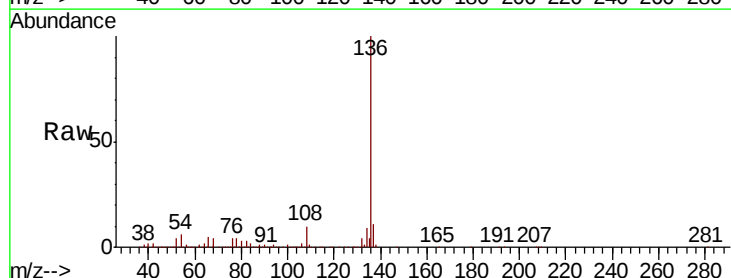
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.2 6.0 9.0

68 4.2 4.5 6.7#

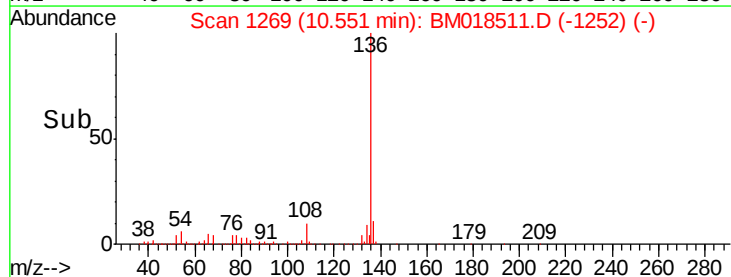
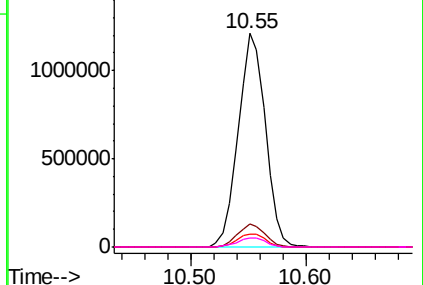


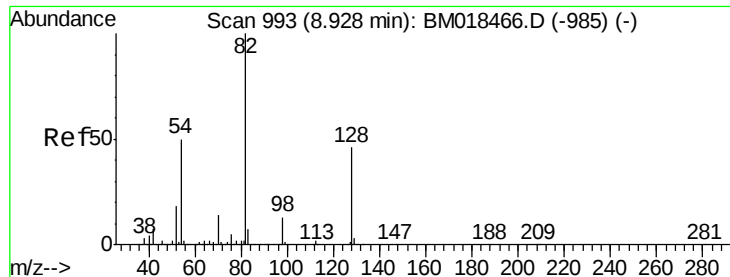
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM018466.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM018466.D (-1261) (-)

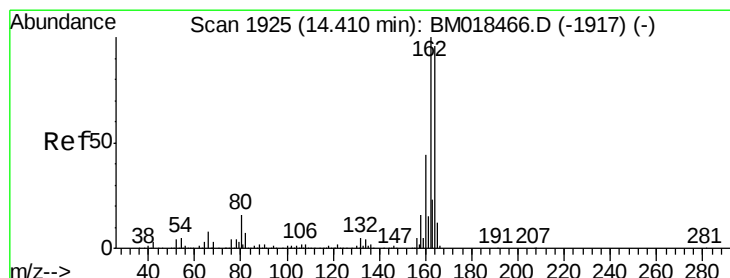
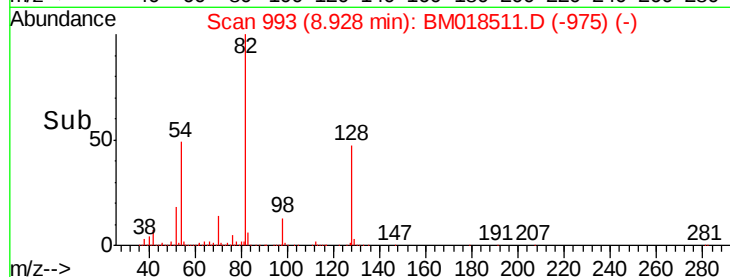
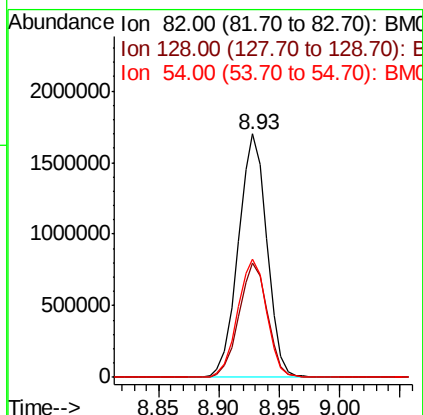
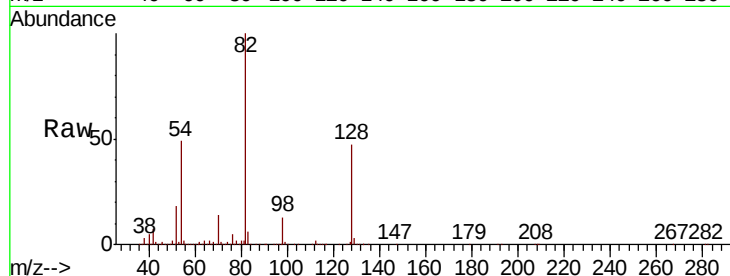




#23
Nitrobenzene-d5
Concen: 82.323 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM018511.D
Acq: 10 Jan 2019 16:40

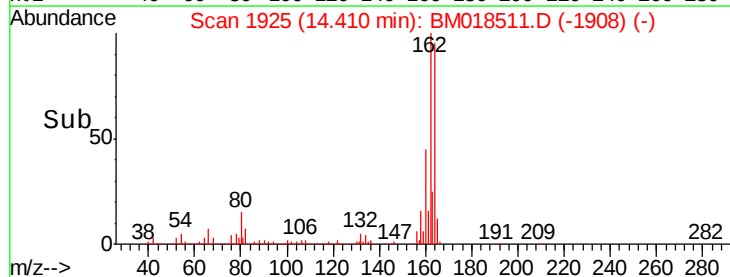
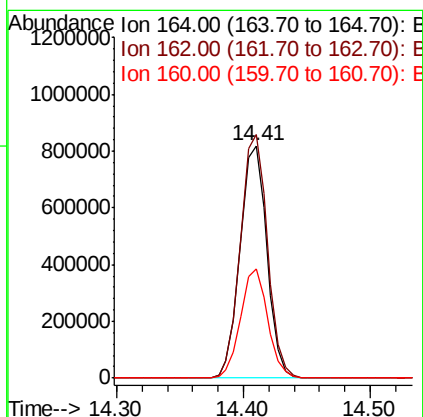
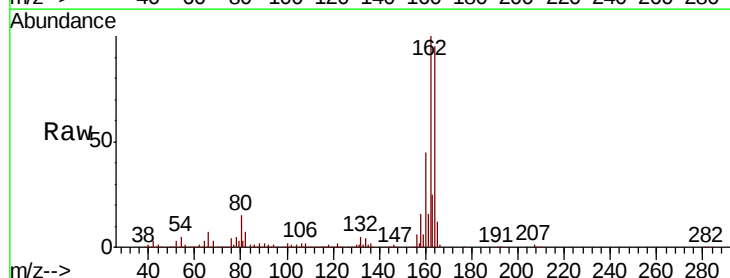
Instrument :
BNA_M
ClientSampleId :
JC-03-010819-I

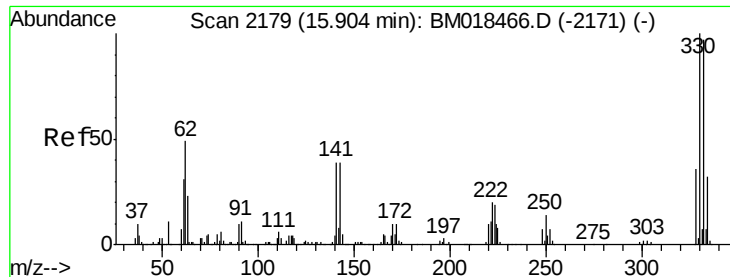
Tot Ion: 82 Resp: 2803868
Ion Ratio Lower Upper
82 100
128 46.8 36.3 54.5
54 48.5 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM018511.D
Acq: 10 Jan 2019 16:40

Tgt Ion:164 Resp: 1198293
Ion Ratio Lower Upper
164 100
162 104.8 83.0 124.4
160 47.1 37.1 55.7

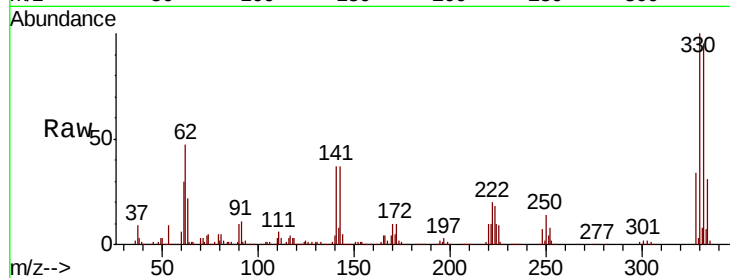




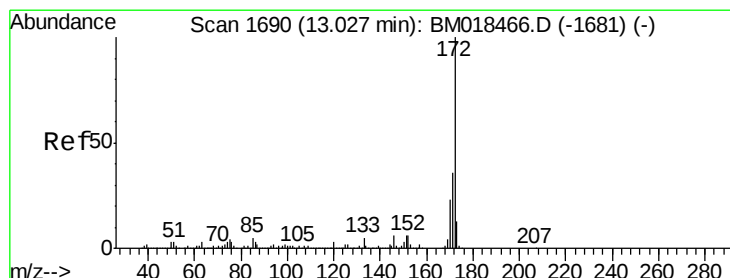
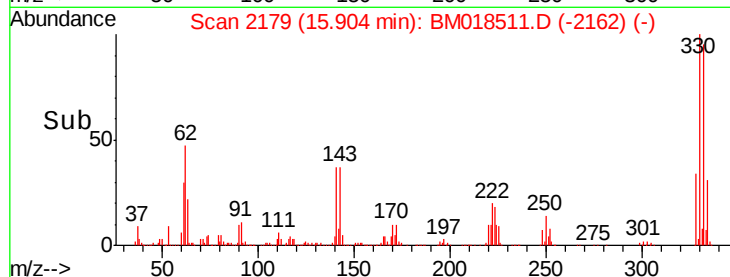
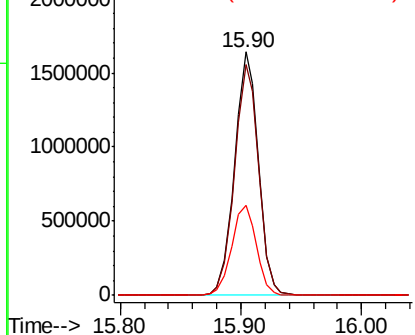
#42
 2,4,6-Tribromophenol
 Concen: 148.050 ng
 RT: 15.90 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BM018511.D
 Acq: 10 Jan 2019 16:40

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-010819-I

Tot Ion:330 Resp: 2258887
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.6 116.4
 141 38.5 31.7 47.5

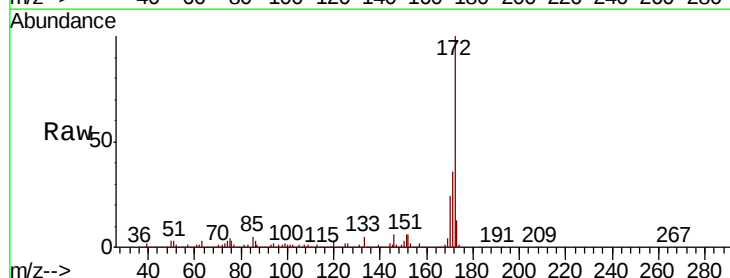


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

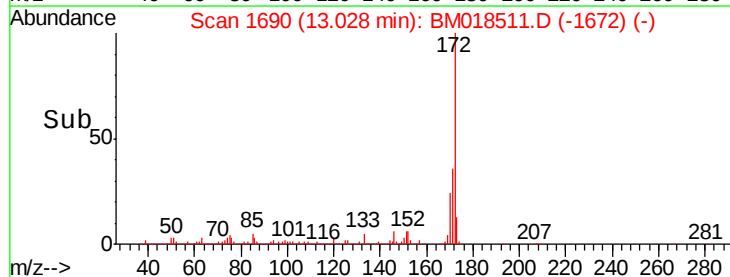
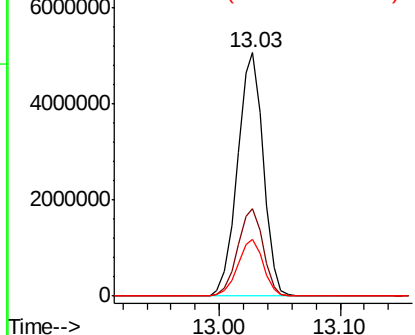


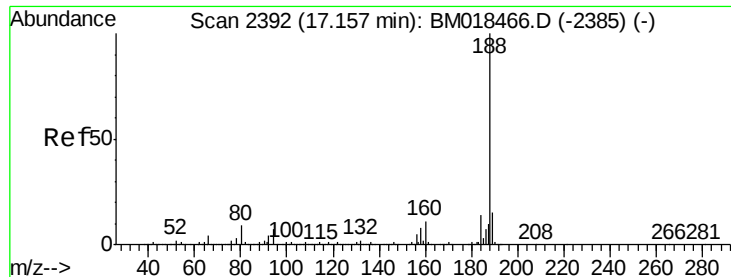
#45
 2-Fluorobiphenyl
 Concen: 81.873 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BM018511.D
 Acq: 10 Jan 2019 16:40

Tgt Ion:172 Resp: 7518596
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.2 42.4
 170 23.6 18.9 28.3



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

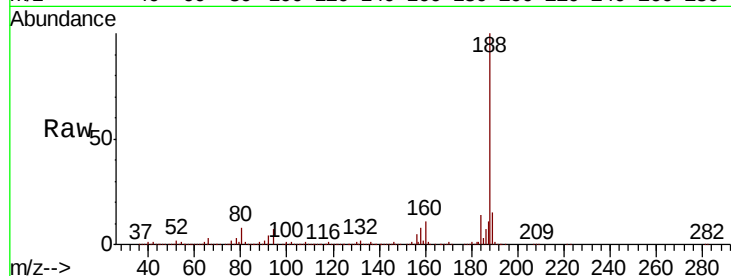




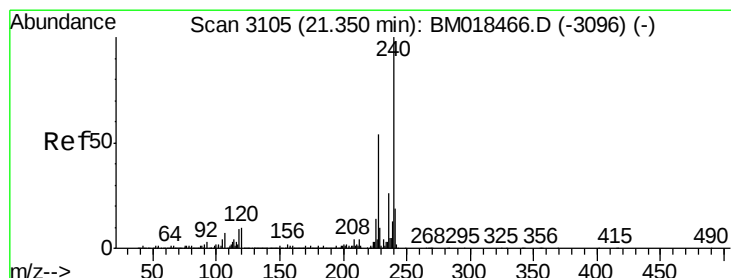
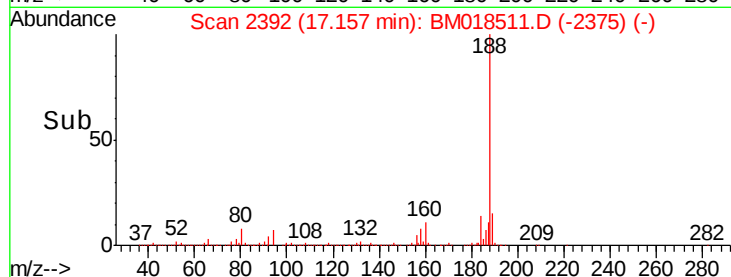
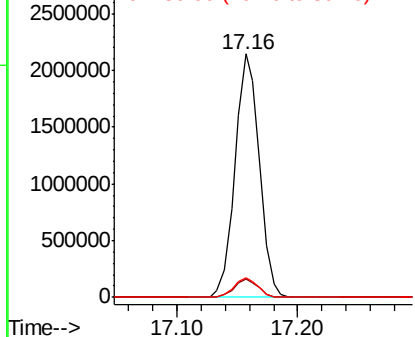
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM018511.D
Acq: 10 Jan 2019 16:40

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-I

Tot Ion:188 Resp: 2999674
Ion Ratio Lower Upper
188 100
94 7.3 7.1 10.7
80 8.3 7.6 11.4

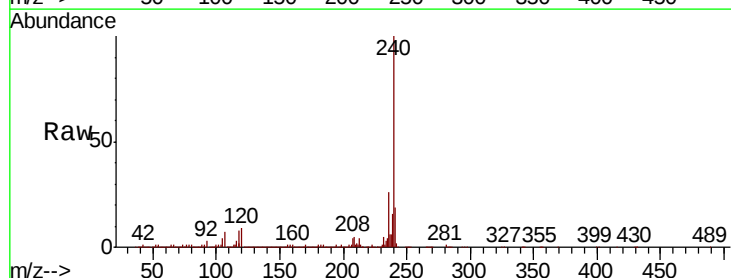


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM018511.D
Ion 80.00 (79.70 to 80.70): BM018511.D

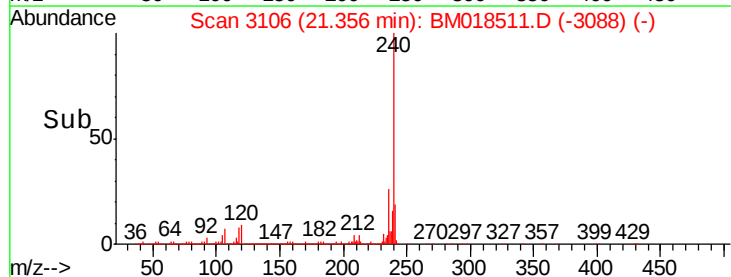
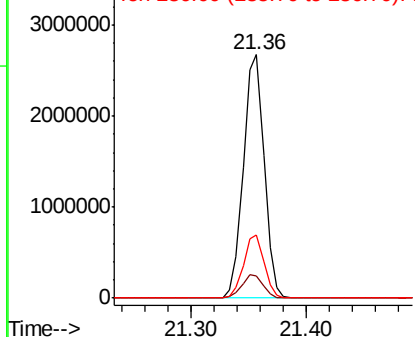


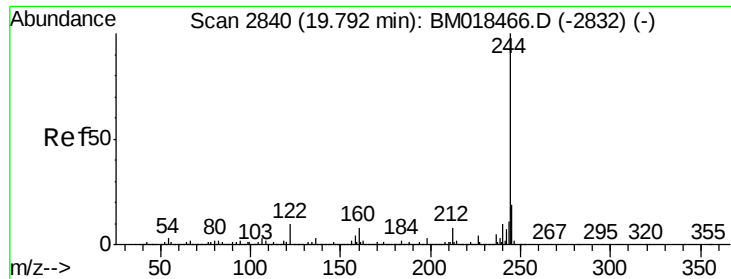
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BM018511.D
Acq: 10 Jan 2019 16:40

Tgt Ion:240 Resp: 3343820
Ion Ratio Lower Upper
240 100
120 9.1 8.4 12.6
236 25.9 20.7 31.1



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

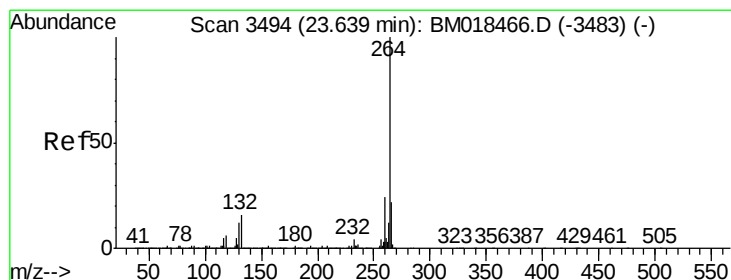
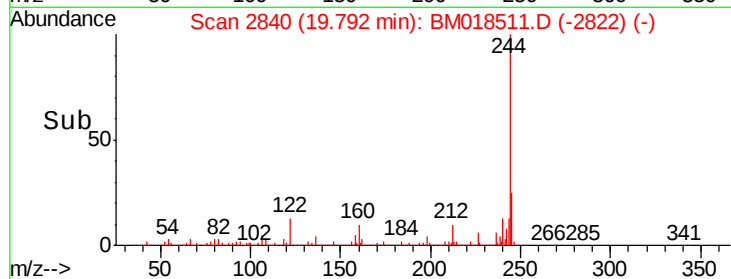
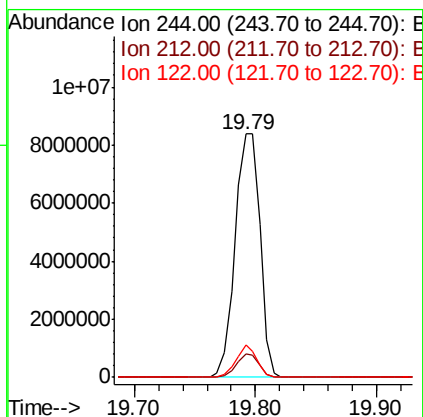
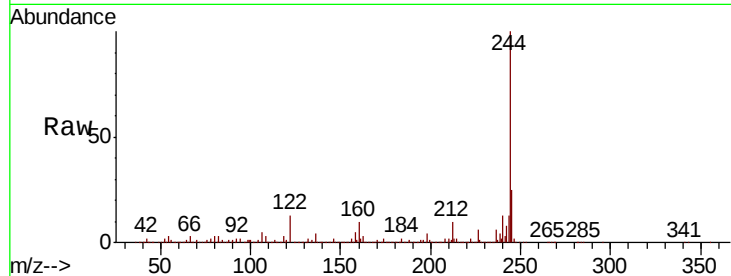




#79
 Terphenyl-d14
 Concen: 75.888 ng
 RT: 19.79 min Scan# 2840
 Delta R.T. 0.01 min
 Lab File: BM018511.D
 Acq: 10 Jan 2019 16:40

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-010819-I

Tot Ion:244 Resp:12037596
 Ion Ratio Lower Upper
 244 100
 212 9.8 5.9 8.9#
 122 13.3 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.64 min Scan# 3495
 Delta R.T. 0.01 min
 Lab File: BM018511.D
 Acq: 10 Jan 2019 16:40

Tgt Ion:264 Resp: 3349466
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 21.5 16.8 25.2

