

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018503.D
 Acq On : 10 Jan 2019 10:33
 Operator : JU/SJ
 Sample : K1082-14
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CP-1-2

Quant Time: Jan 10 11:25:21 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

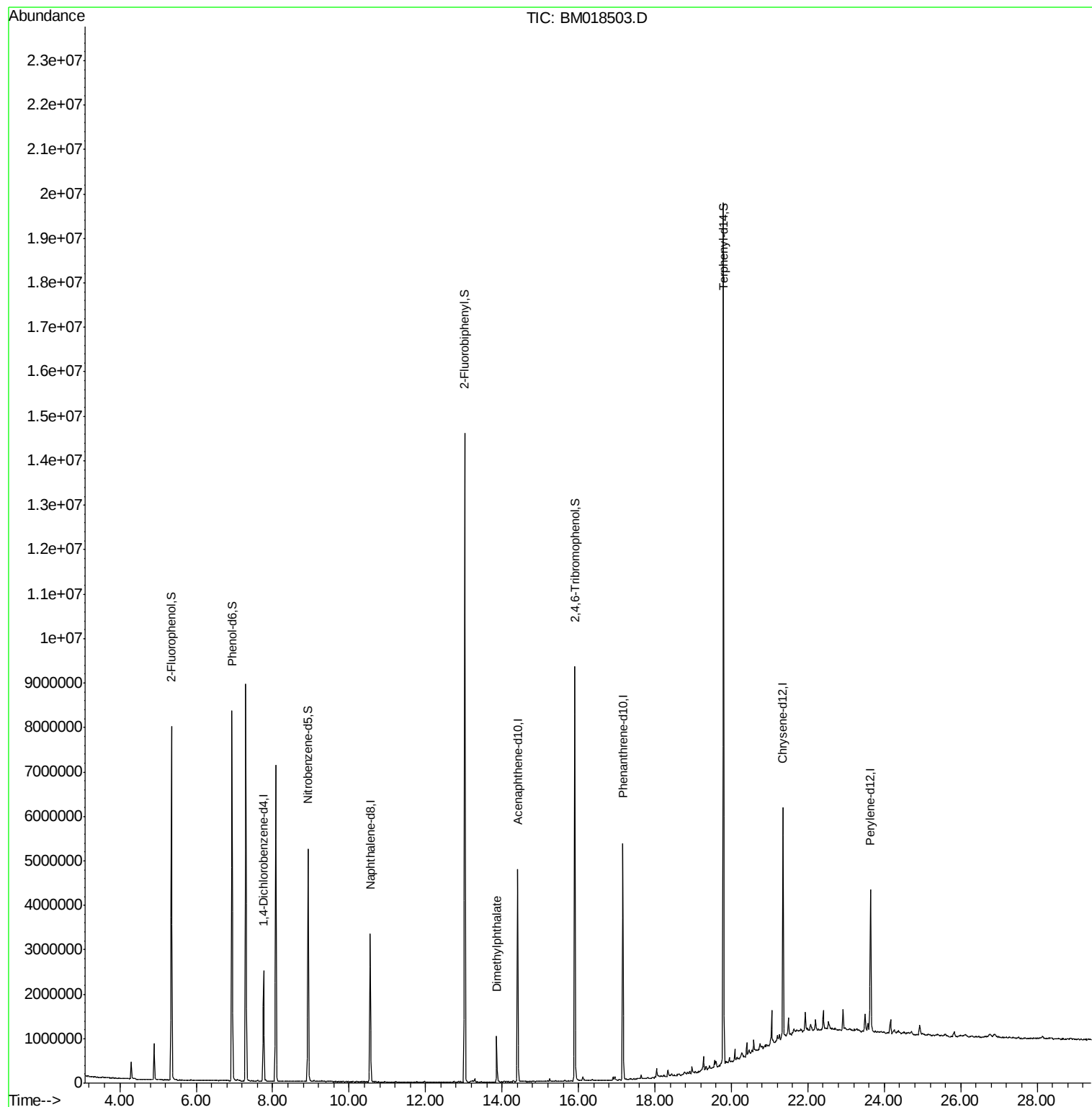
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	684372	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	2780317	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1558226	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	3180546	20.00	ng	0.00
76) Chrysene-d12	21.35	240	2344084	20.00	ng	0.00
87) Perylene-d12	23.64	264	2348410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	3275782	88.38	ng	0.00
7) Phenol-d6	6.94	99	4481792	95.21	ng	0.00
23) Nitrobenzene-d5	8.93	82	2858475	59.60	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1644226	82.87	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	7317583	61.28	ng	0.00
79) Terphenyl-d14	19.79	244	8274847	74.42	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.86	163	669889	5.235	ng	Qvalue 99

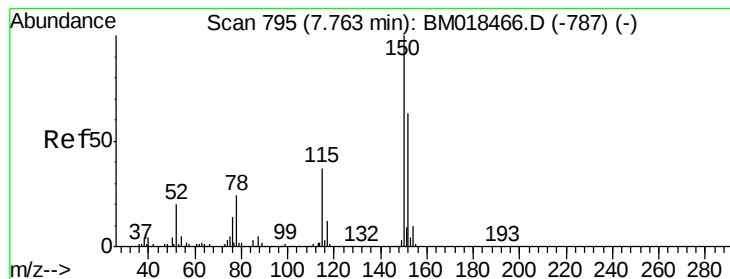
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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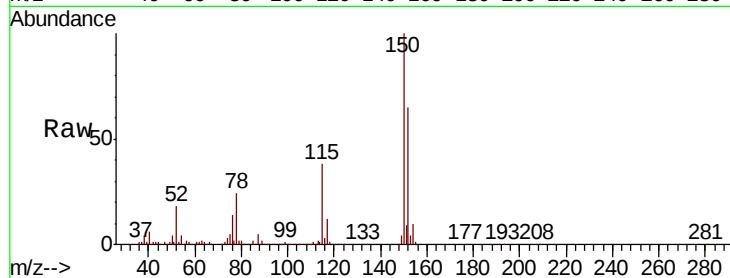


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM018503.D
Acq: 10 Jan 2019 10:33

Instrument :
BNA_M
ClientSampleId :
CP-1-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.9	190.3
115	57.8	45.5	68.3

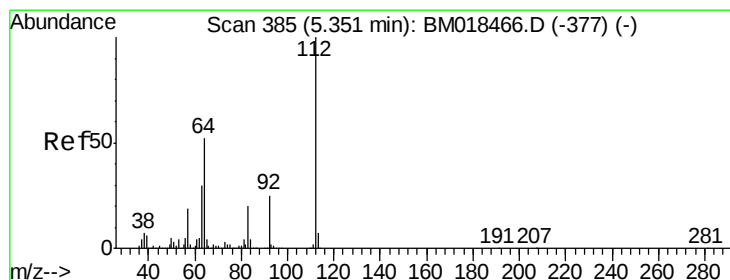
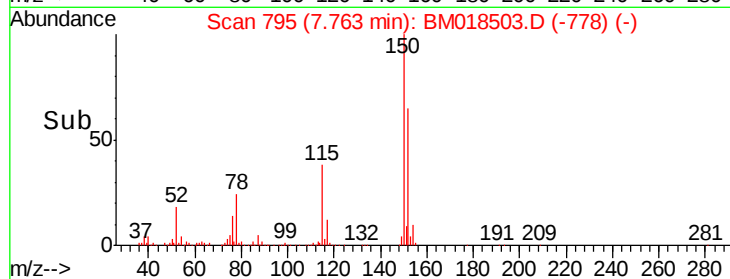
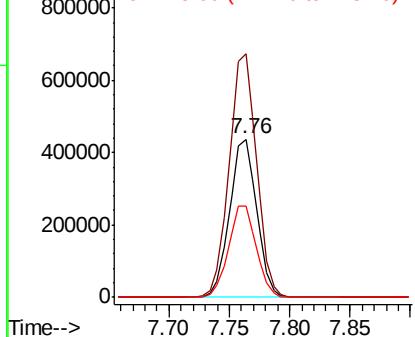


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

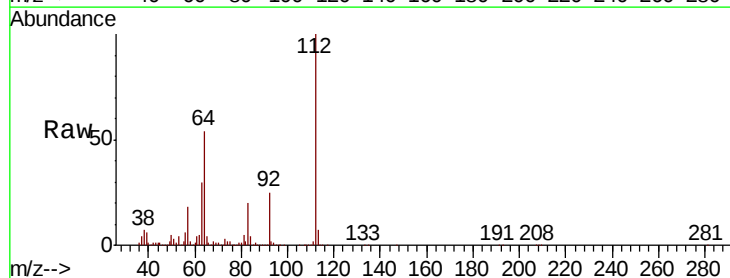
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 88.383 ng
RT: 5.35 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM018503.D
Acq: 10 Jan 2019 10:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.5	69.7
63	29.6	25.2	37.8

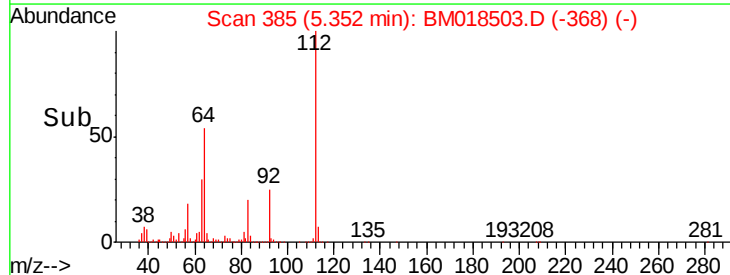
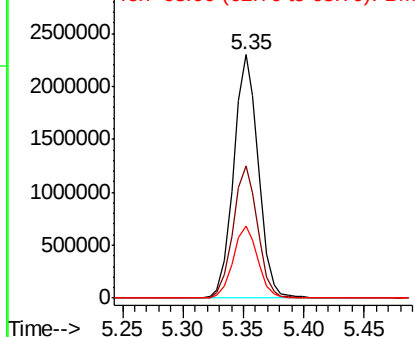


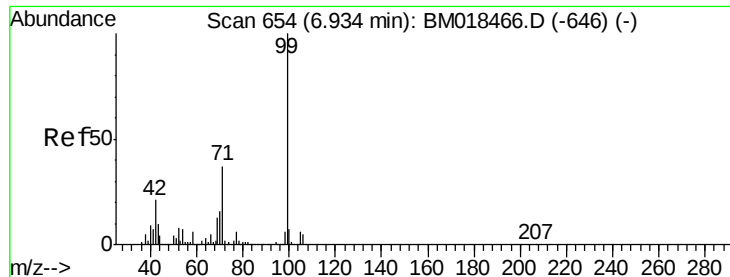
Abundance

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: 95.206 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018503.D

Acq: 10 Jan 2019 10:33

Instrument :

BNA_M

ClientSampleId :

CP-1-2

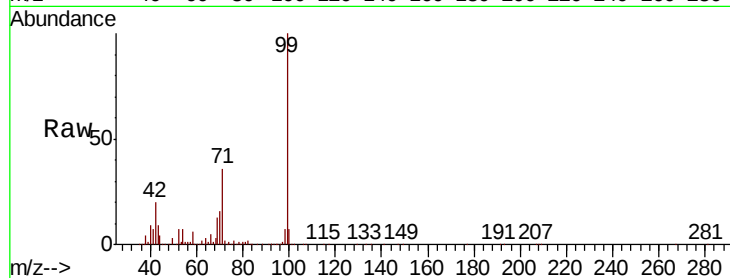
Tot Ion: 99 Resp: 4481792

Ion Ratio Lower Upper

99 100

42 19.6 17.3 25.9

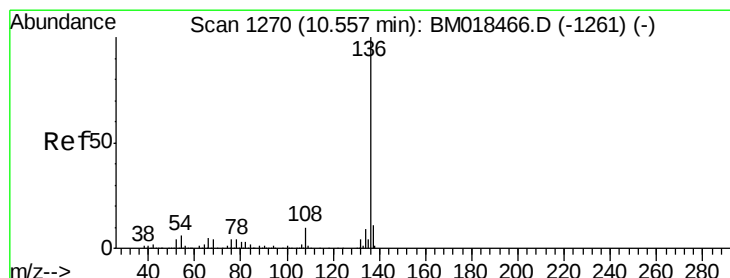
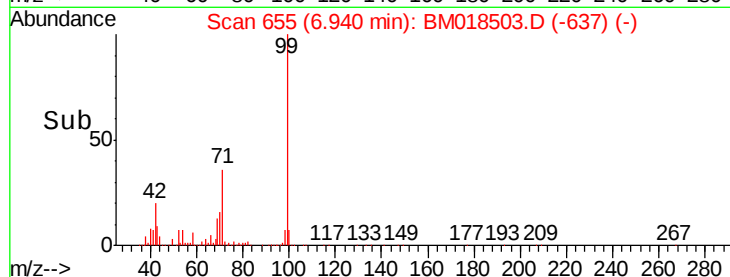
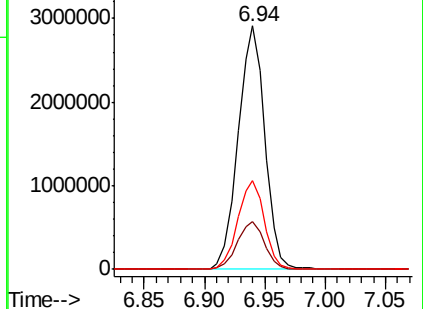
71 36.5 28.0 42.0



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: BM018503.D

Acq: 10 Jan 2019 10:33

Tgt Ion: 136 Resp: 2780317

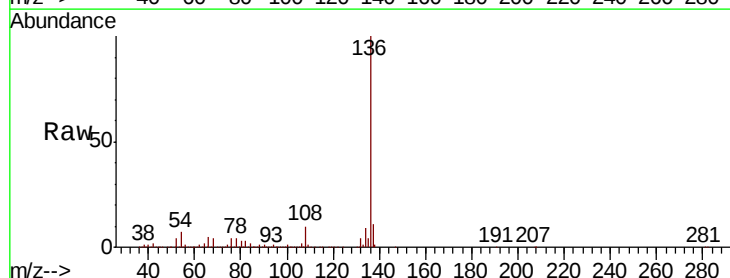
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 6.7 6.0 9.0

68 4.4 4.5 6.7#

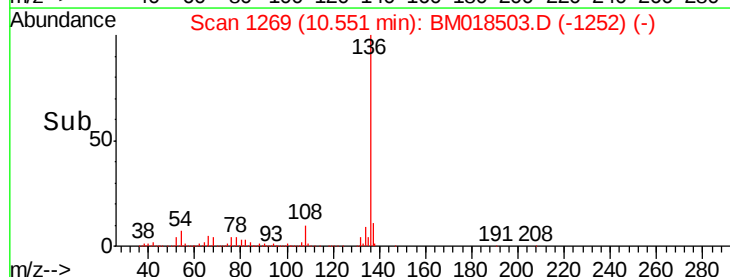
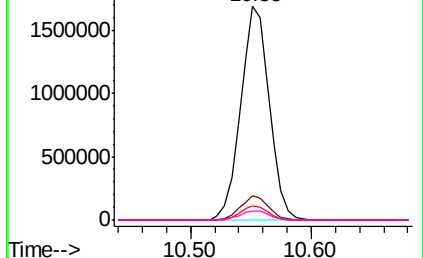


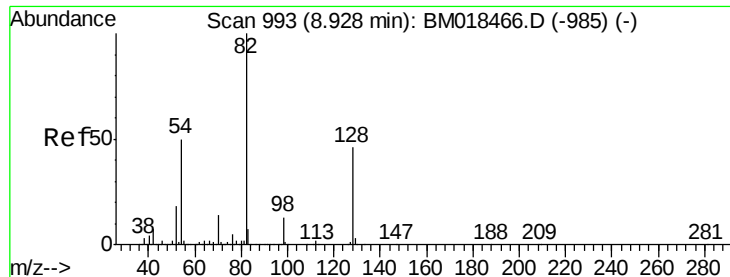
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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) (-)

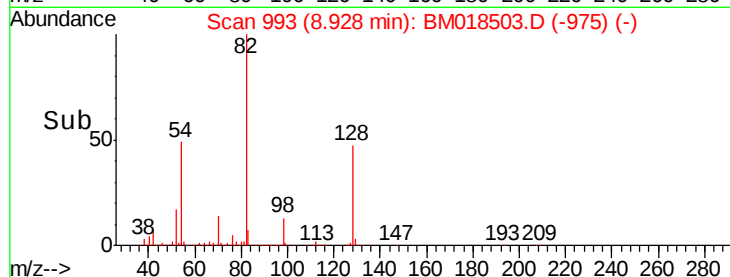
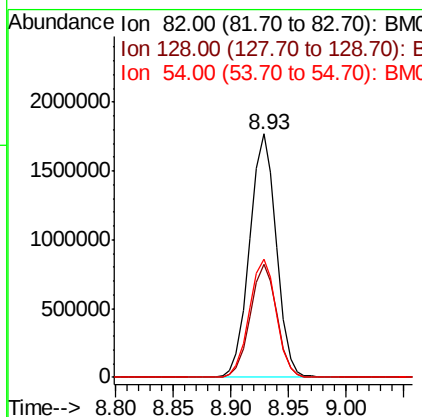
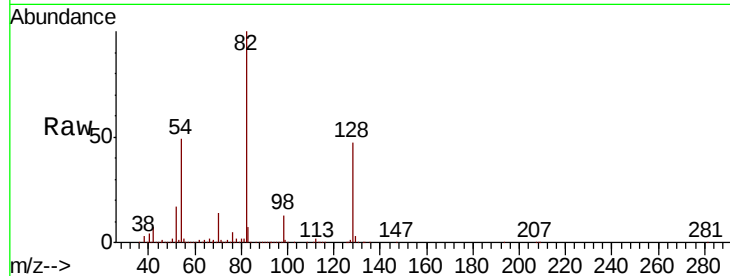




#23
Nitrobenzene-d5
Concen: 59.601 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM018503.D
Acq: 10 Jan 2019 10:33

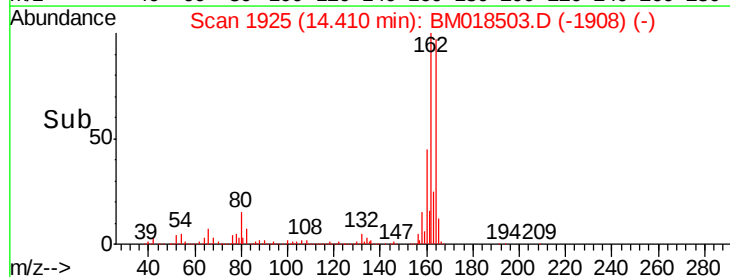
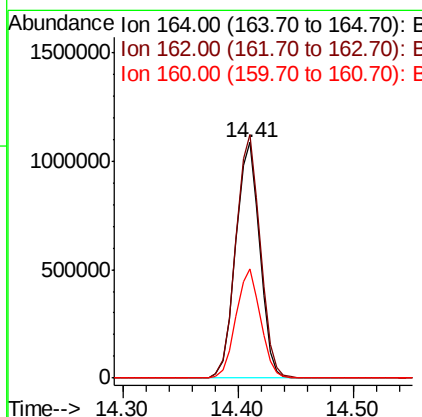
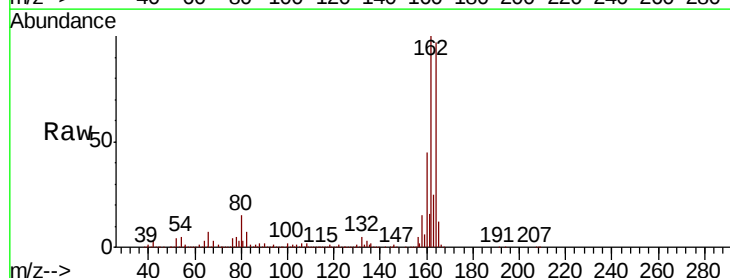
Instrument :
BNA_M
ClientSampled :
CP-1-2

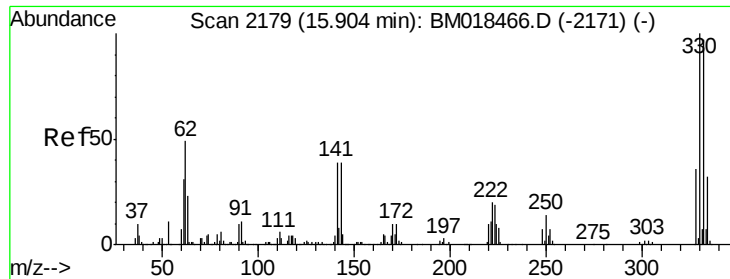
Tot Ion: 82 Resp: 2858475
Ion Ratio Lower Upper
82 100
128 46.5 36.3 54.5
54 48.7 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM018503.D
Acq: 10 Jan 2019 10:33

Tgt Ion: 164 Resp: 1558226
Ion Ratio Lower Upper
164 100
162 103.4 83.0 124.4
160 46.2 37.1 55.7

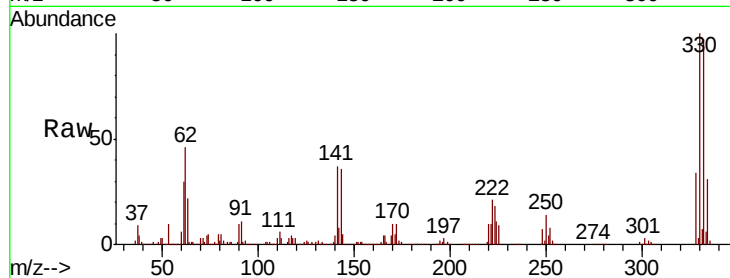




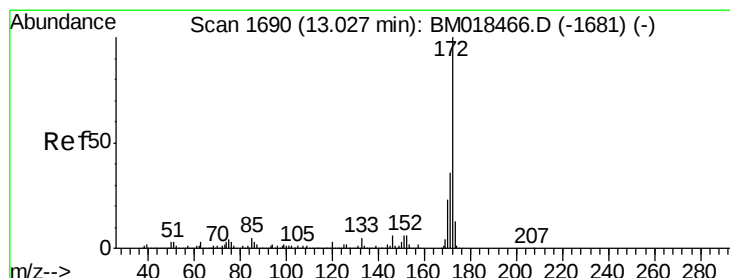
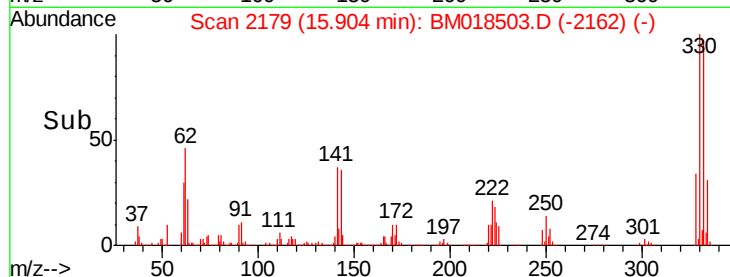
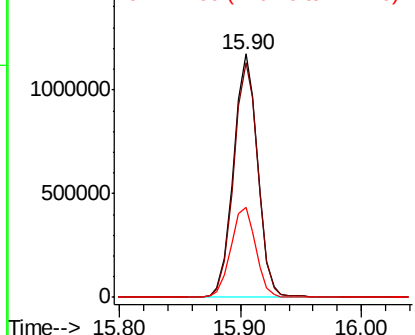
#42
 2,4,6-Tribromophenol
 Concen: 82.872 ng
 RT: 15.90 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BM018503.D
 Acq: 10 Jan 2019 10:33

Instrument :
 BNA_M
 ClientSampleId :
 CP-1-2

Tot Ion:330 Resp: 1644226
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.6 116.4
 141 38.2 31.7 47.5

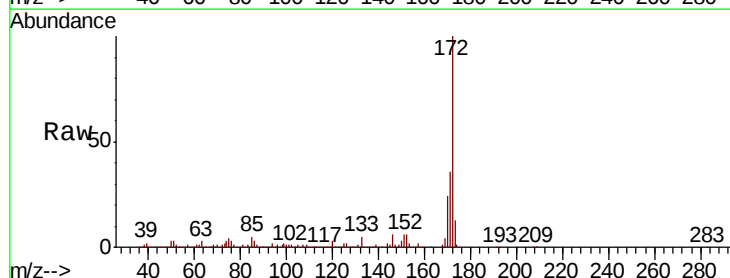


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

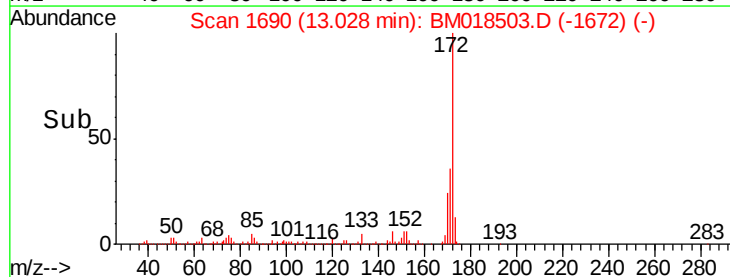
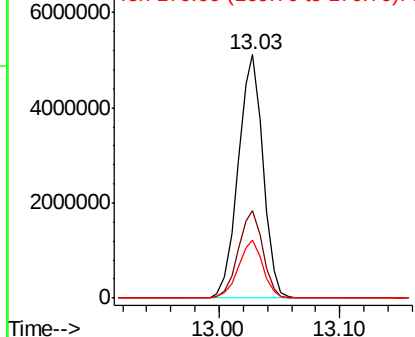


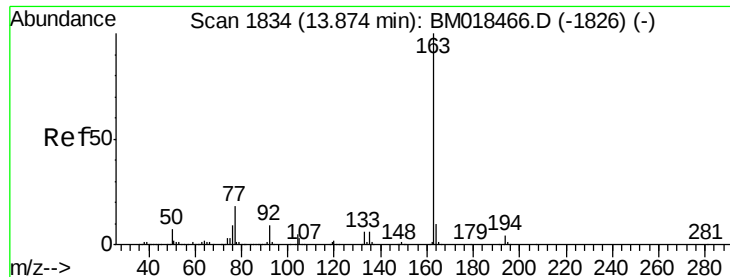
#45
 2-Fluorobiphenyl
 Concen: 61.278 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BM018503.D
 Acq: 10 Jan 2019 10:33

Tgt Ion:172 Resp: 7317583
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.2 42.4
 170 23.7 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





#50

Dimethylphthalate

Concen: 5.235 ng

RT: 13.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM018503.D

Acq: 10 Jan 2019 10:33

Instrument :

BNA_M

ClientSampleId :

CP-1-2

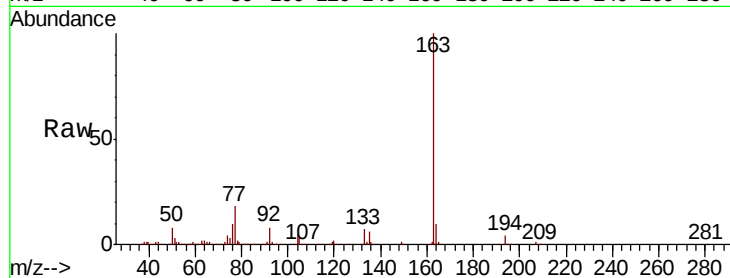
Tot Ion:163 Resp: 669889

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.2 7.8 11.8



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

13.86

600000

500000

400000

300000

200000

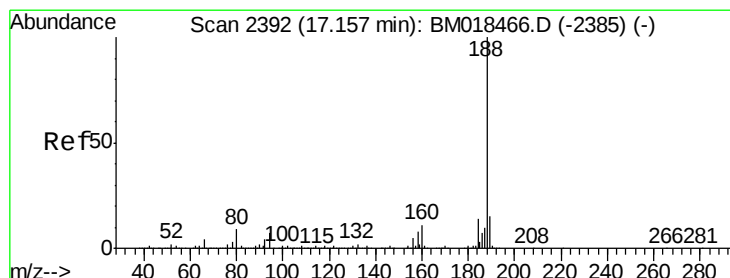
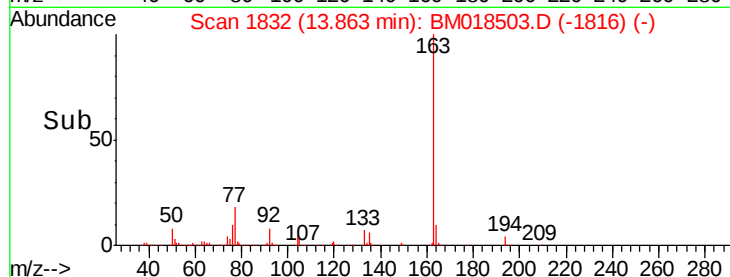
100000

0

13.80

13.90

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BM018503.D

Acq: 10 Jan 2019 10:33

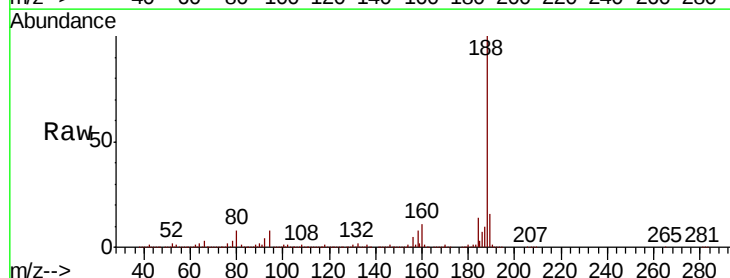
Tgt Ion:188 Resp: 3180546

Ion Ratio Lower Upper

188 100

94 7.7 7.1 10.7

80 8.5 7.6 11.4



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

17.16

3000000

2500000

2000000

1500000

1000000

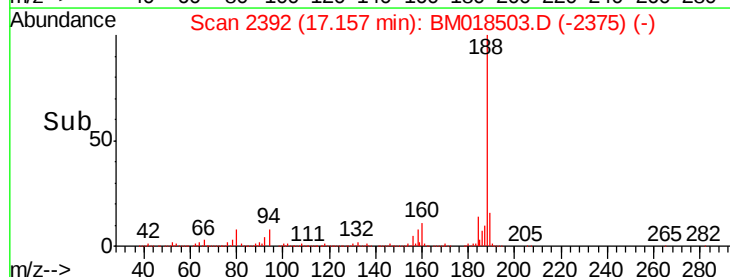
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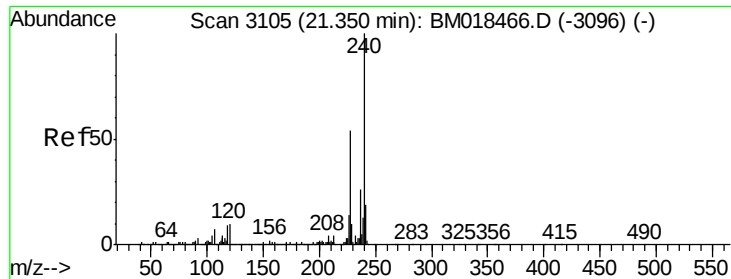
0

17.10

17.20

Time-->

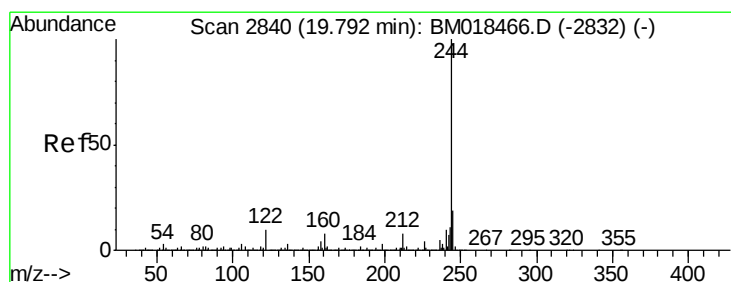
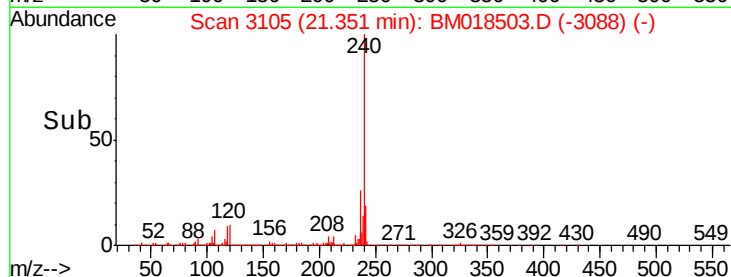
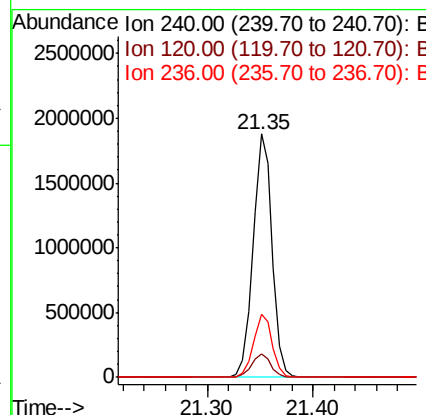
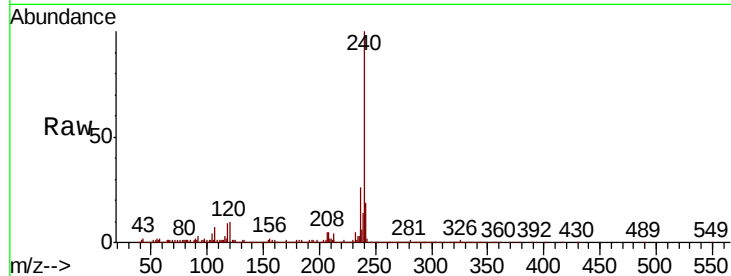




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BM018503.D
Acq: 10 Jan 2019 10:33

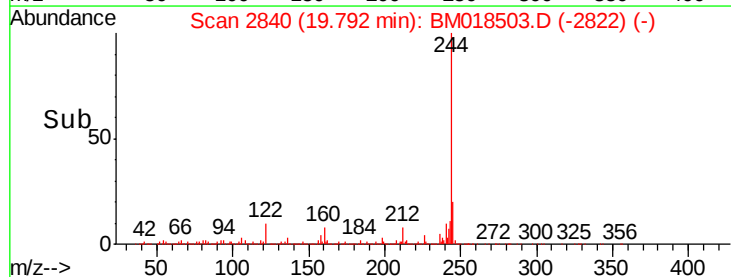
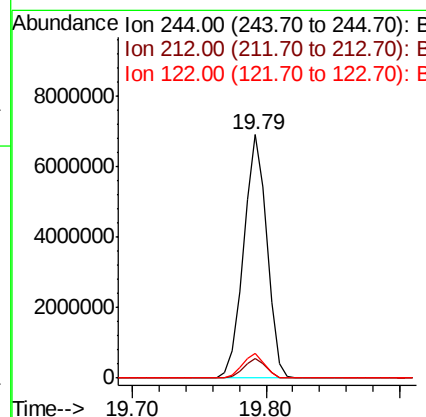
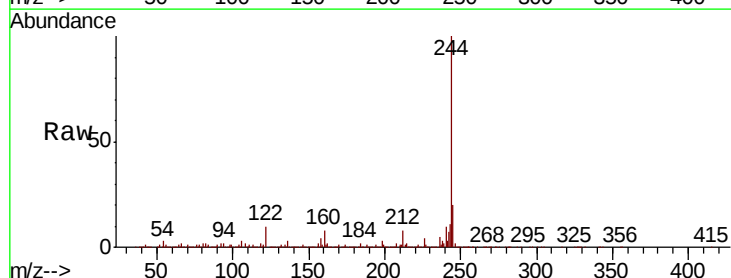
Instrument :
BNA_M
ClientSampled :
CP-1-2

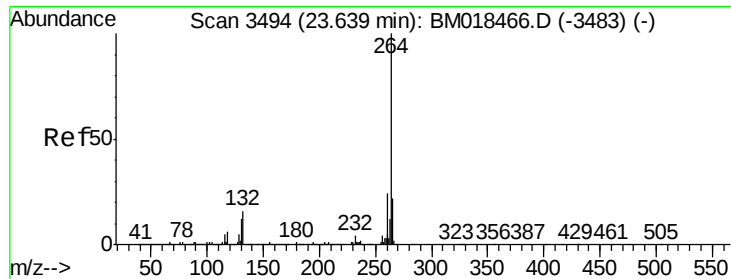
Tot Ion:240 Resp: 2344084
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 25.8 20.7 31.1



#79
Terphenyl-d14
Concen: 74.416 ng
RT: 19.79 min Scan# 2840
Delta R.T. 0.01 min
Lab File: BM018503.D
Acq: 10 Jan 2019 10:33

Tgt Ion:244 Resp: 8274847
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 10.2 9.0 13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.64 min Scan# 3494
 Delta R.T. 0.01 min
 Lab File: BM018503.D
 Acq: 10 Jan 2019 10:33

Instrument :
 BNA_M
 ClientSampleId :
 CP-1-2

Tot Ion:264 Resp: 2348410
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 22.6 16.8 25.2

