

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
 Data File : BM018532.D
 Acq On : 11 Jan 2019 08:10
 Operator : JU/SJ
 Sample : PB116287BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116287BL

Quant Time: Jan 11 10:31:30 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	462388	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1853834	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	1131902	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2706761	20.00	ng	0.00
76) Chrysene-d12	21.35	240	2370274	20.00	ng	0.00
87) Perylene-d12	23.63	264	2097621	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	2076637	82.93	ng	0.00
7) Phenol-d6	6.93	99	2696603	84.78	ng	0.00
23) Nitrobenzene-d5	8.92	82	2395610	74.91	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1056409	73.30	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	6669487	76.89	ng	0.00
79) Terphenyl-d14	19.79	244	9095763	80.89	ng	0.00

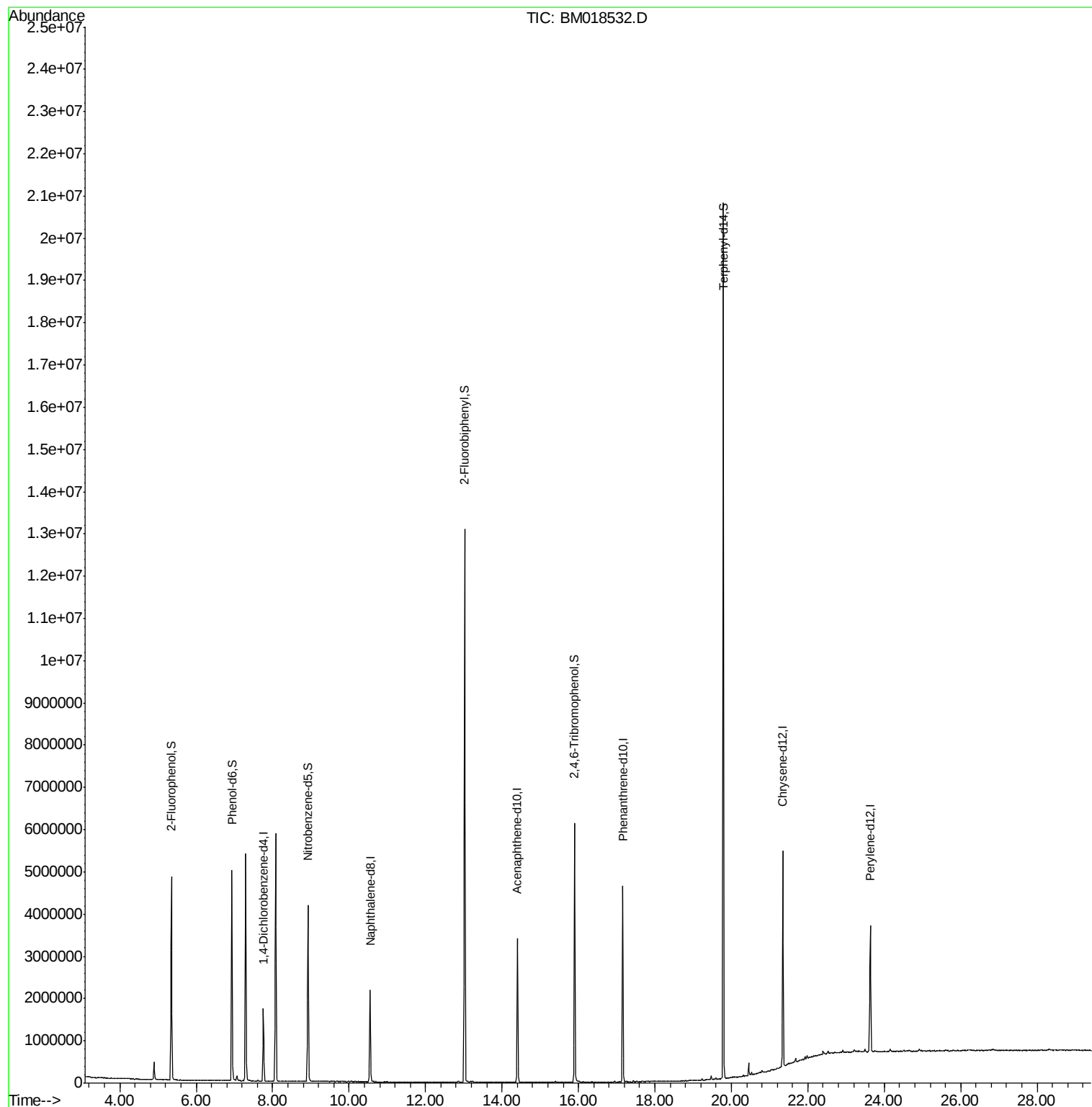
Target Compounds Qvalue

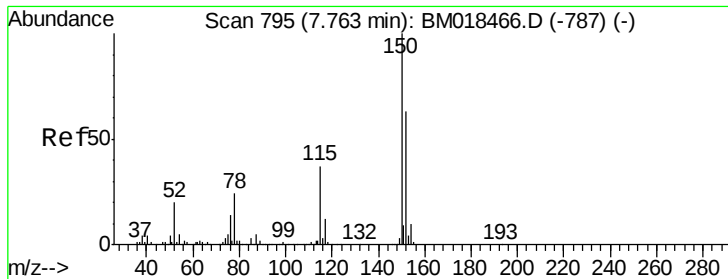
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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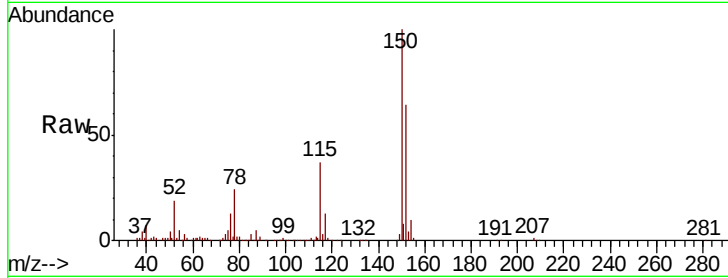


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018532.D
Acq: 11 Jan 2019 08:10

Instrument :
BNA_M
ClientSampleId :
PB116287BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.9	190.3
115	57.0	45.5	68.3

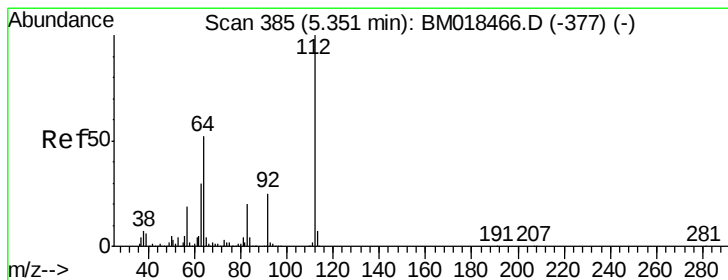
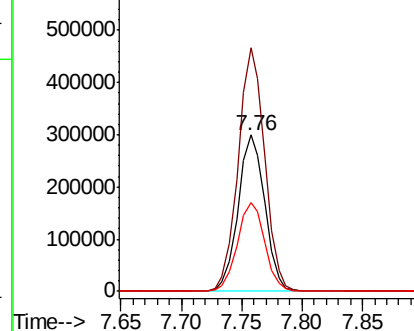
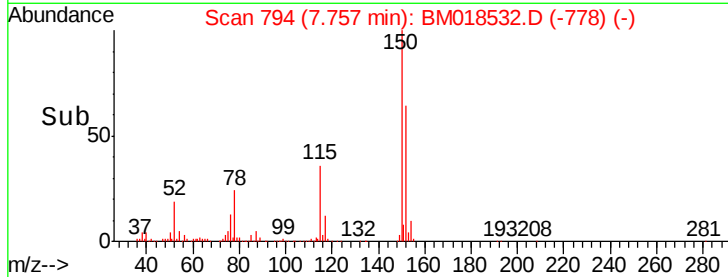


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

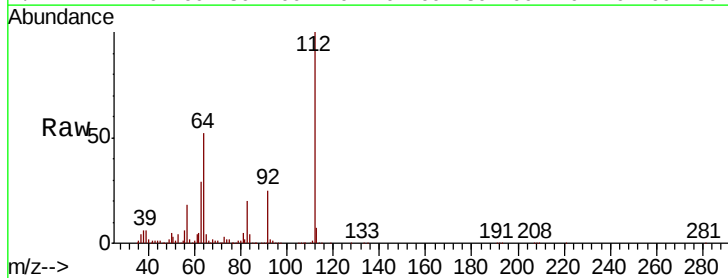
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 82.928 ng
RT: 5.35 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM018532.D
Acq: 11 Jan 2019 08:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.6	46.5	69.7
63	29.0	25.2	37.8

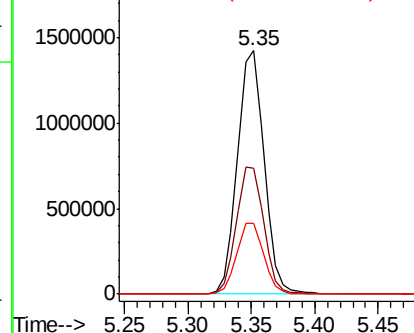
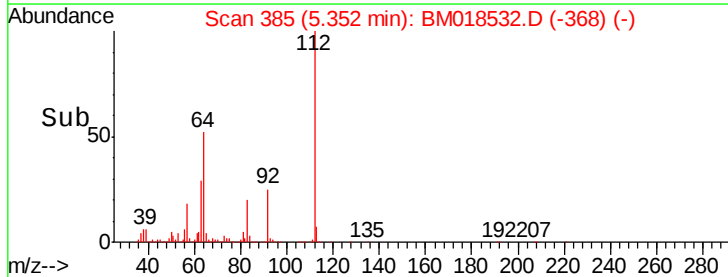


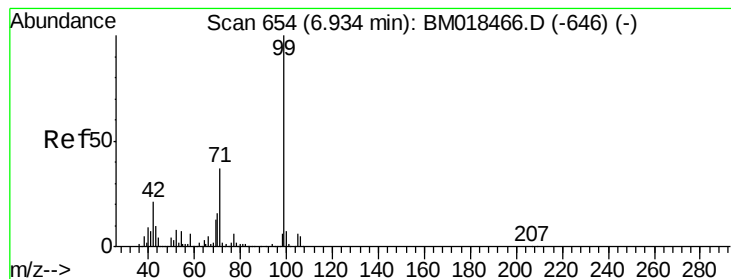
Abundance

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: 84.784 ng

RT: 6.93 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM018532.D

Acq: 11 Jan 2019 08:10

Instrument :

BNA_M

ClientSampleId :

PB116287BL

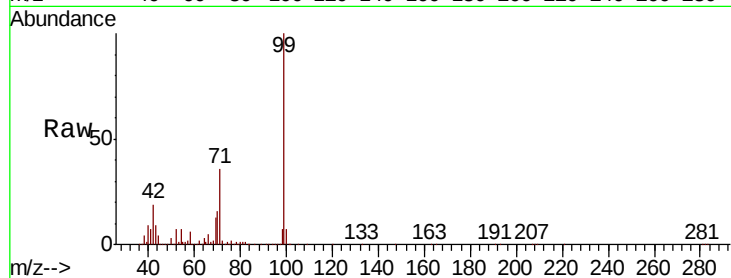
Tot Ion: 99 Resp: 2696603

Ion Ratio Lower Upper

99 100

42 19.2 17.3 25.9

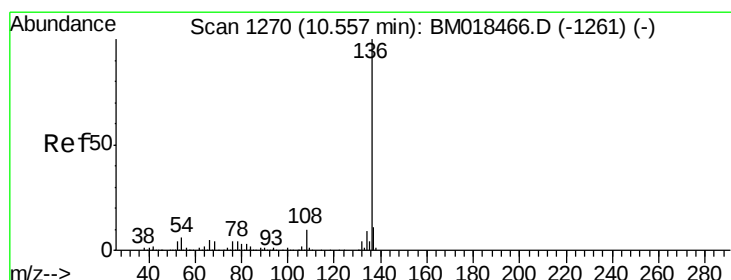
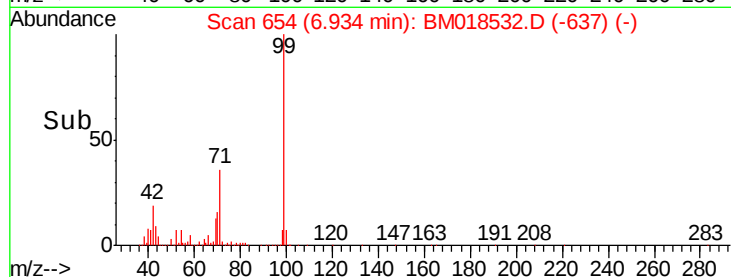
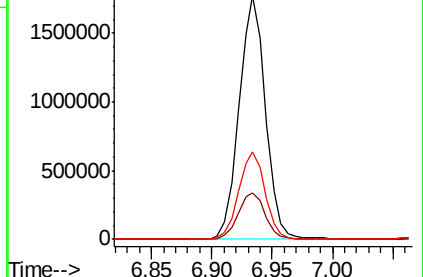
71 36.2 28.0 42.0



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: BM018532.D

Acq: 11 Jan 2019 08:10

Tgt Ion: 136 Resp: 1853834

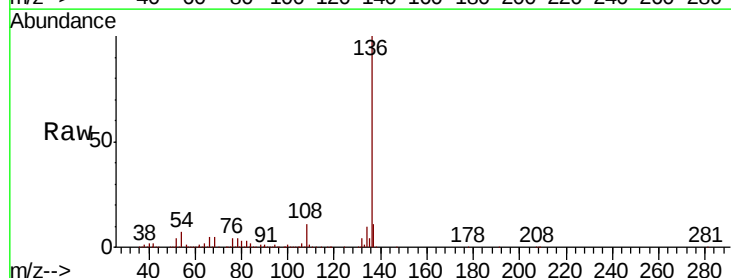
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.6 6.0 9.0

68 4.5 4.5 6.7

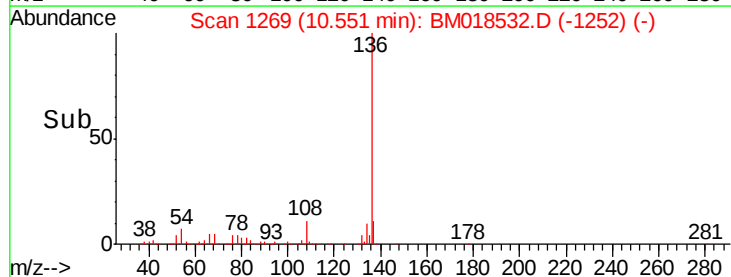
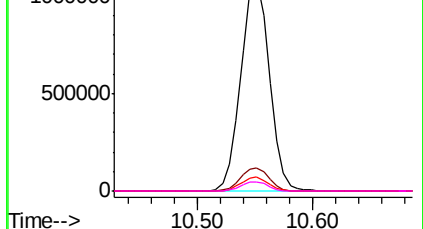


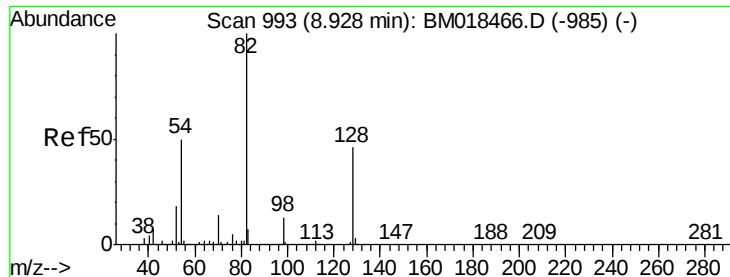
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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: 74.913 ng

RT: 8.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BM018532.D

Acq: 11 Jan 2019 08:10

Instrument :

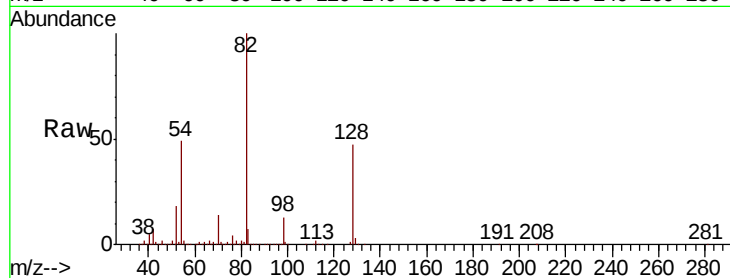
BNA_M

ClientSampleId :

PB116287BL

Tot Ion: 82 Resp: 2395610

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.3	54.5
54	49.1	41.7	62.5

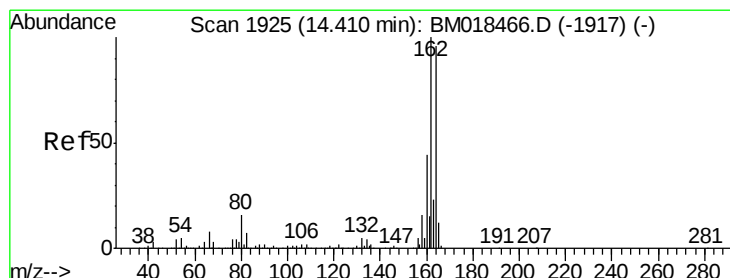
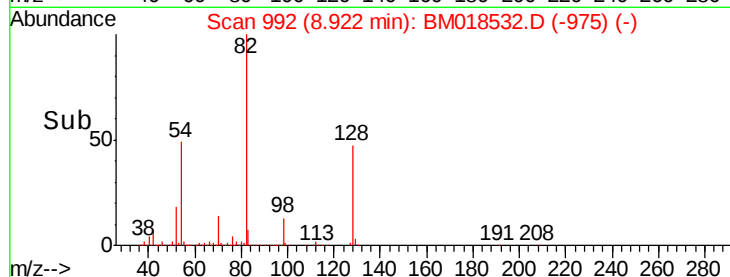
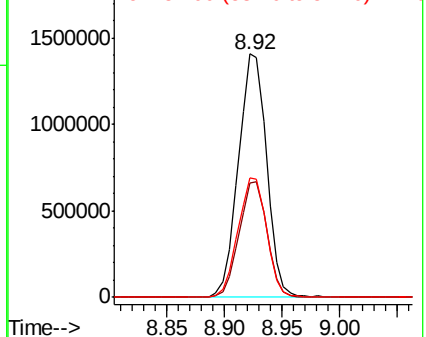


Abundance

Ion 82.00 (81.70 to 82.70): BM018466.D (-985) (-)

Ion 128.00 (127.70 to 128.70): BM018466.D (-985) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-985) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.40 min Scan# 1924

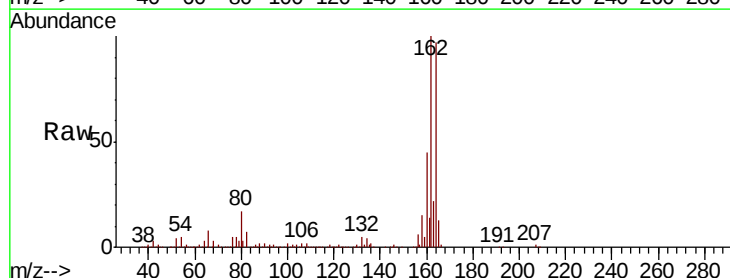
Delta R.T. -0.01 min

Lab File: BM018532.D

Acq: 11 Jan 2019 08:10

Tgt Ion:164 Resp: 1131902

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.0	124.4
160	46.8	37.1	55.7

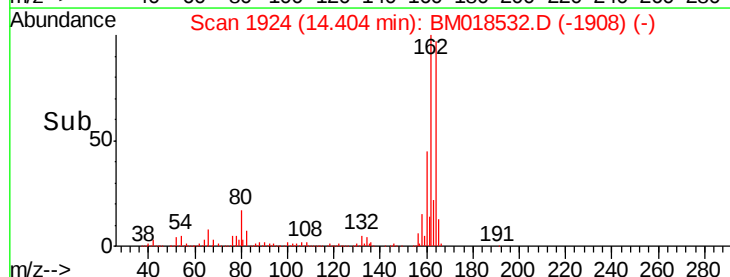
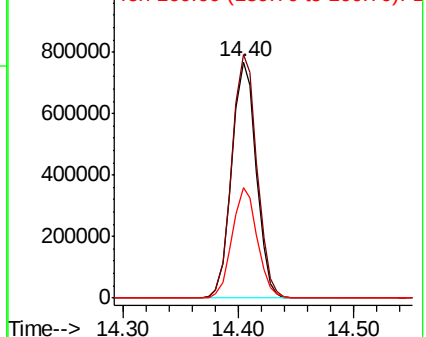


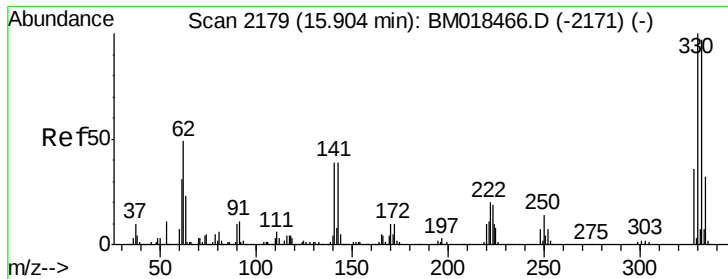
Abundance

Ion 164.00 (163.70 to 164.70): BM018466.D (-1917) (-)

Ion 162.00 (161.70 to 162.70): BM018466.D (-1917) (-)

Ion 160.00 (159.70 to 160.70): BM018466.D (-1917) (-)

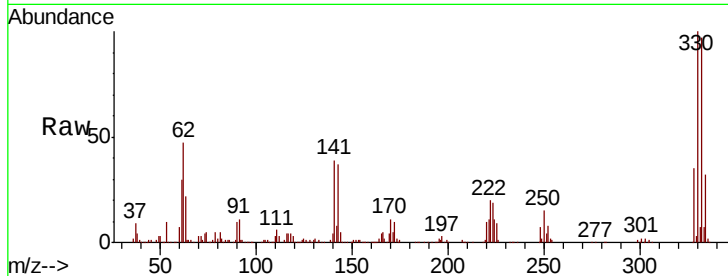




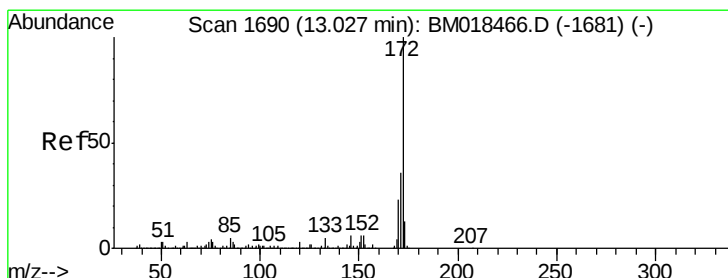
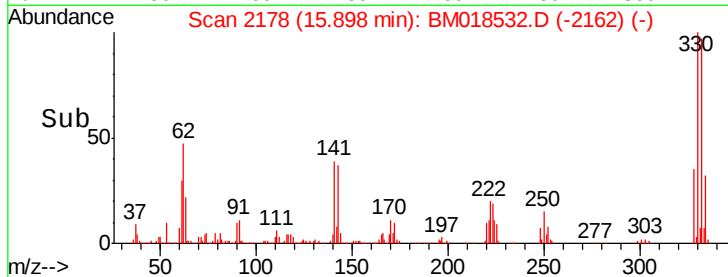
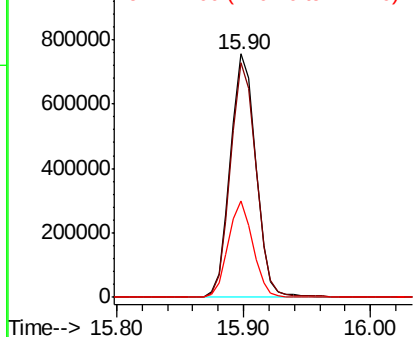
#42
 2,4,6-Tribromophenol
 Concen: 73.299 ng
 RT: 15.90 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BM018532.D
 Acq: 11 Jan 2019 08:10

Instrument :
 BNA_M
 ClientSampleId :
 PB116287BL

Tot Ion:330 Resp: 1056409
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.6 116.4
 141 38.3 31.7 47.5

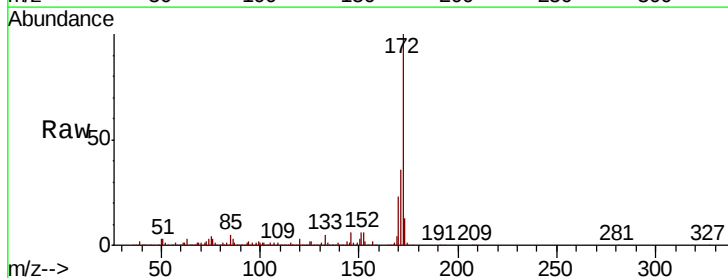


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

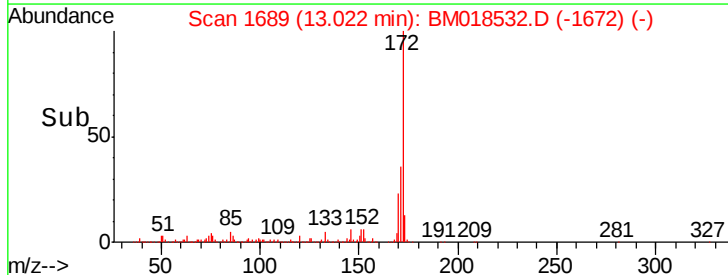
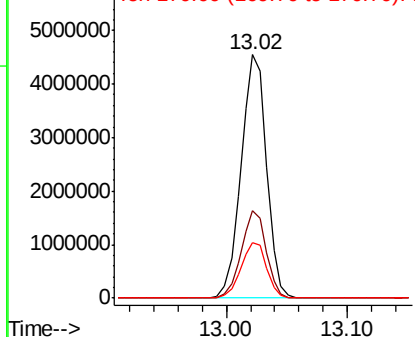


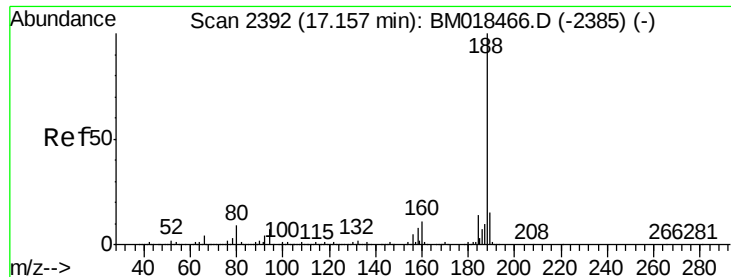
#45
 2-Fluorobiphenyl
 Concen: 76.886 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BM018532.D
 Acq: 11 Jan 2019 08:10

Tgt Ion:172 Resp: 6669487
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.2 42.4
 170 22.9 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

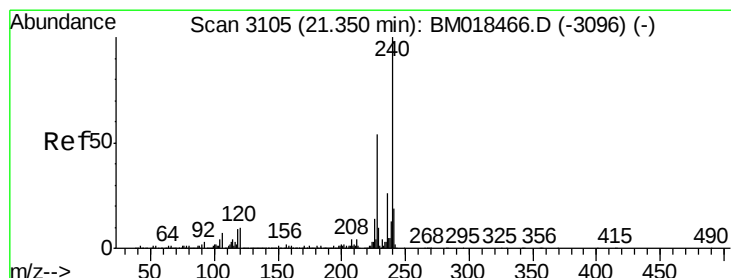
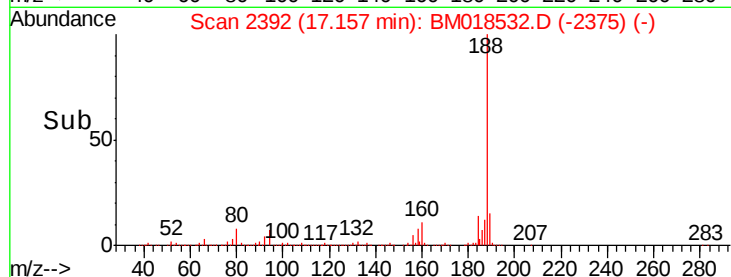
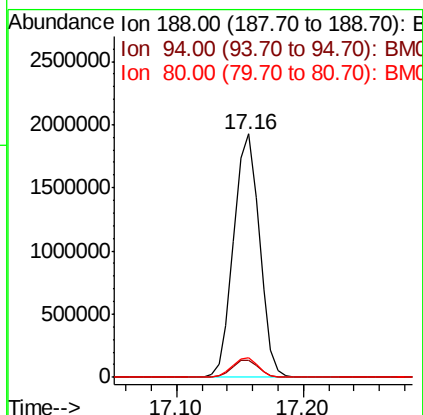
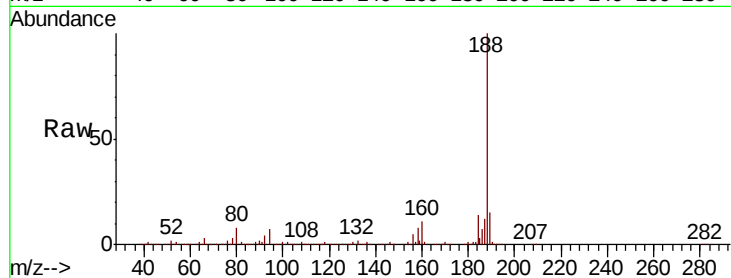




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM018532.D
Acq: 11 Jan 2019 08:10

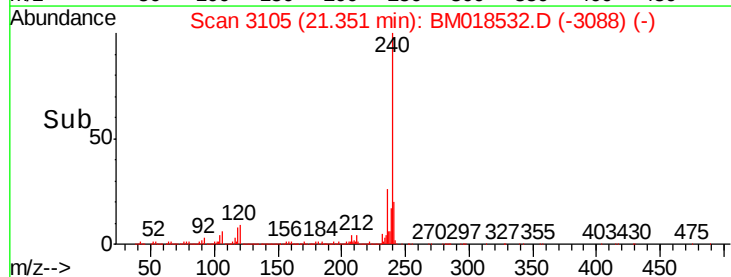
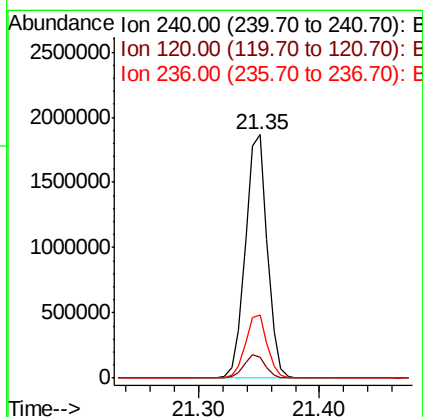
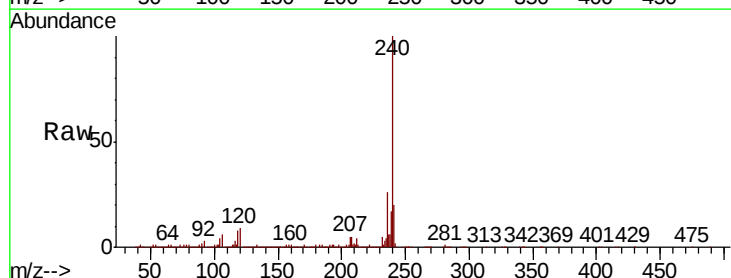
Instrument :
BNA_M
ClientSampleId :
PB116287BL

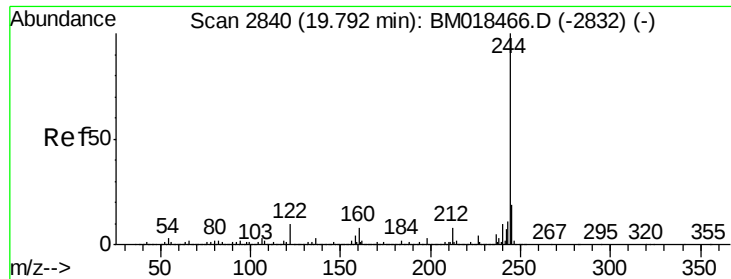
Tot Ion:188 Resp: 2706761
Ion Ratio Lower Upper
188 100
94 7.2 7.1 10.7
80 7.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BM018532.D
Acq: 11 Jan 2019 08:10

Tgt Ion:240 Resp: 2370274
Ion Ratio Lower Upper
240 100
120 8.8 8.4 12.6
236 26.0 20.7 31.1





#79

Terphenyl-d14

Concen: 80.894 ng

RT: 19.79 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BM018532.D

Acq: 11 Jan 2019 08:10

Instrument :

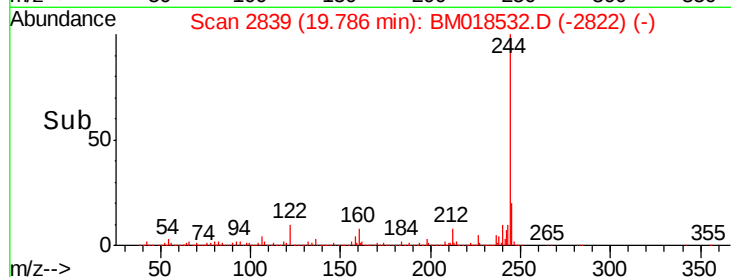
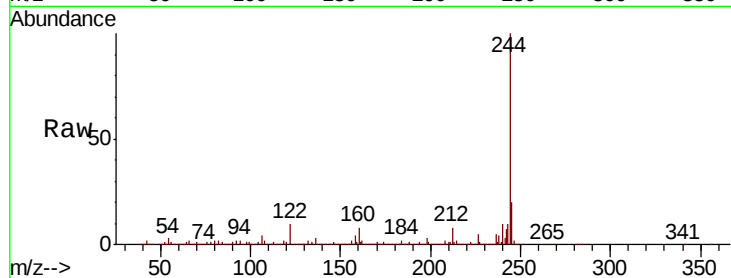
BNA_M

ClientSampleId :

PB116287BL

Tot Ion:244 Resp: 9095763

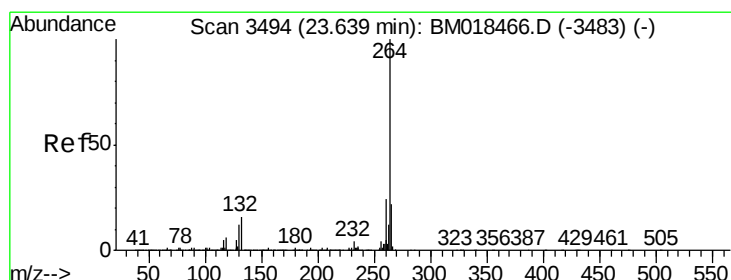
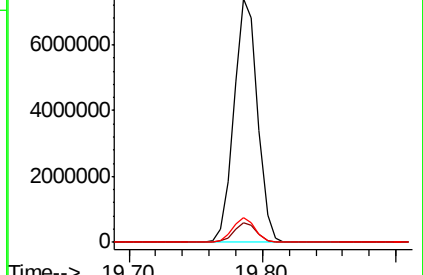
Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.9	8.9
122	10.2	9.0	13.4



Abundance Ion 244.00 (243.70 to 244.70): E

1e+07 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: 23.63 min Scan# 3493

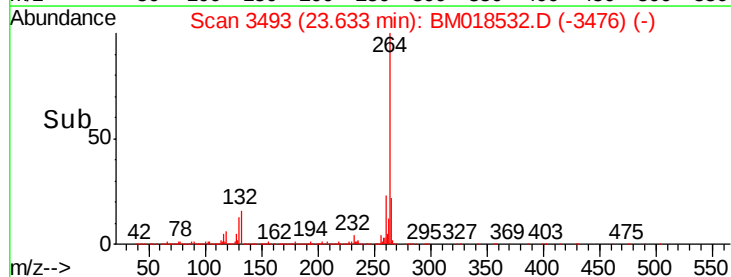
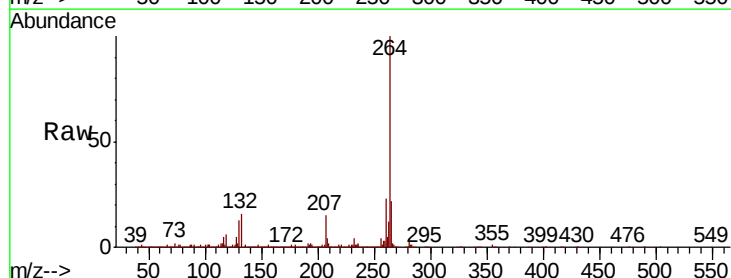
Delta R.T. 0.00 min

Lab File: BM018532.D

Acq: 11 Jan 2019 08:10

Tgt Ion:264 Resp: 2097621

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	22.4	16.8	25.2



Abundance Ion 264.00 (263.70 to 264.70): E

1500000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

