

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011519\
 Data File : BM018566.D
 Acq On : 15 Jan 2019 18:17
 Operator : JU/SJ
 Sample : K1139-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-2

Quant Time: Jan 16 00:07:04 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	7.75	152	275134	20.00	ng	-0.01
21) Naphthalene-d8	10.55	136	1058141	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	589953	20.00	ng	-0.01
64) Phenanthrene-d10	17.15	188	1415771	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1609812	20.00	ng	-0.01
87) Perylene-d12	23.62	264	1587538	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1597849	107.24	ng	0.00
7) Phenol-d6	6.93	99	1790455	94.61	ng	0.00
23) Nitrobenzene-d5	8.92	82	1400683	76.74	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1009857	134.44	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	3463670	76.61	ng	0.00
79) Terphenyl-d14	19.78	244	6263470	82.02	ng	0.00

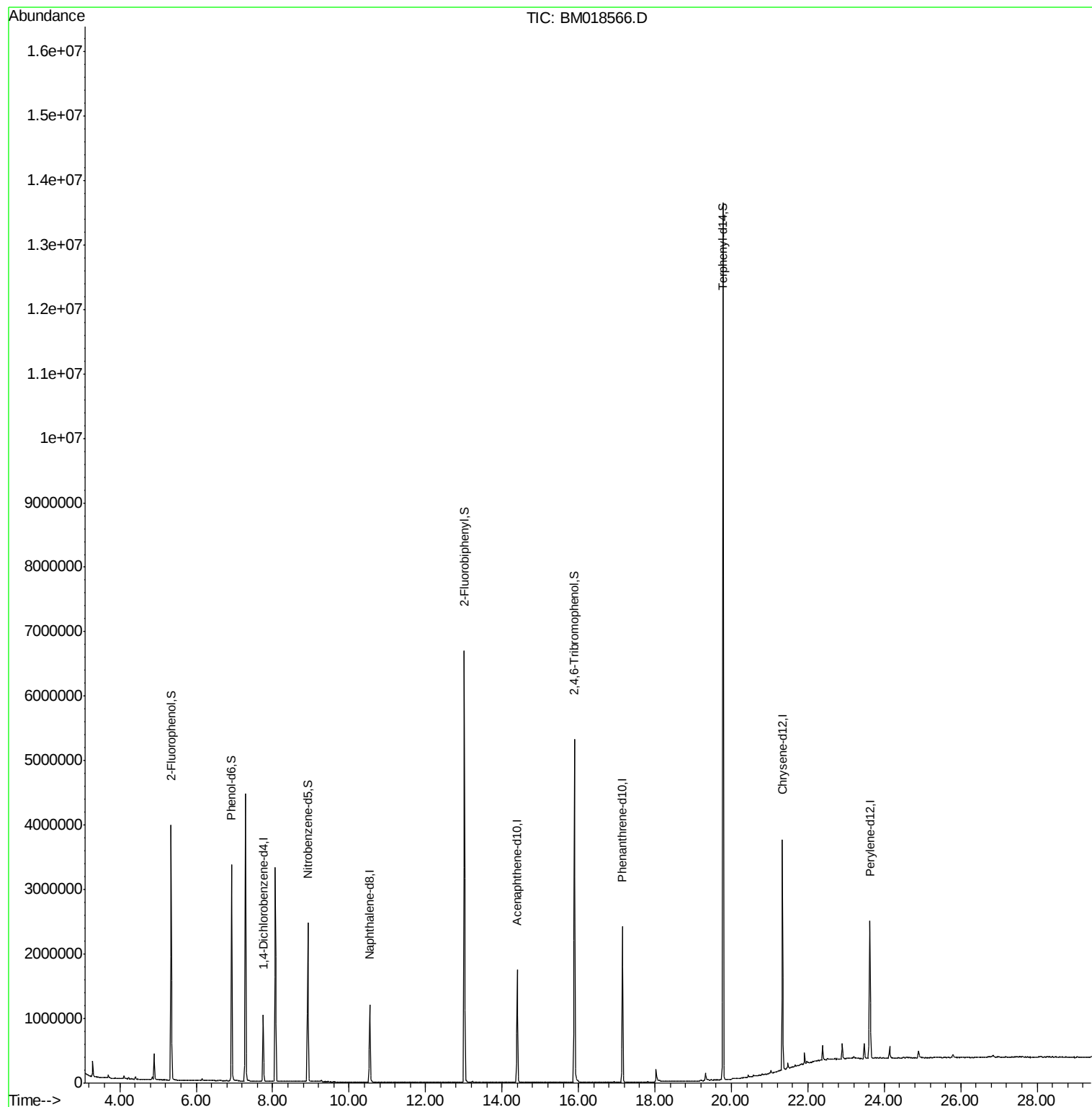
Target Compounds Qvalue

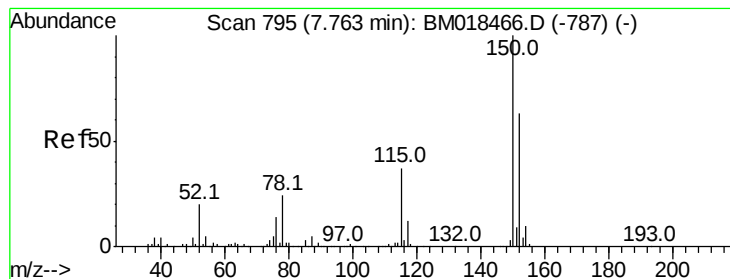
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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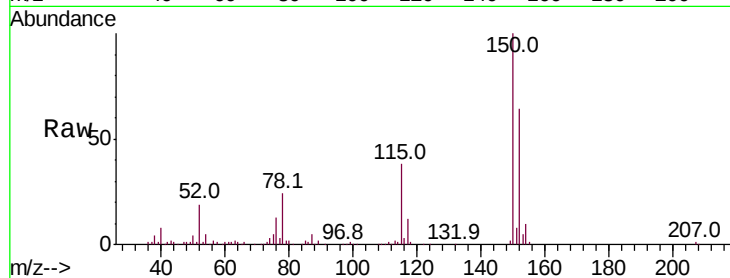


#1

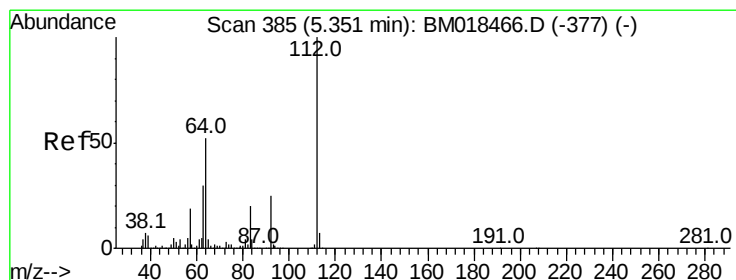
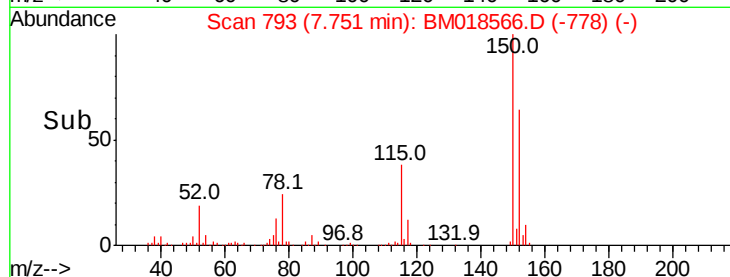
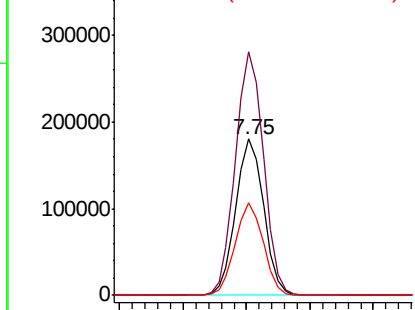
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM018566.D
Acq: 15 Jan 2019 18:17

Instrument :
BNA_M
ClientSampleId :
S-2

Tot Ion:152 Resp: 275134
Ion Ratio Lower Upper
152 100
150 156.1 126.9 190.3
115 59.3 45.5 68.3



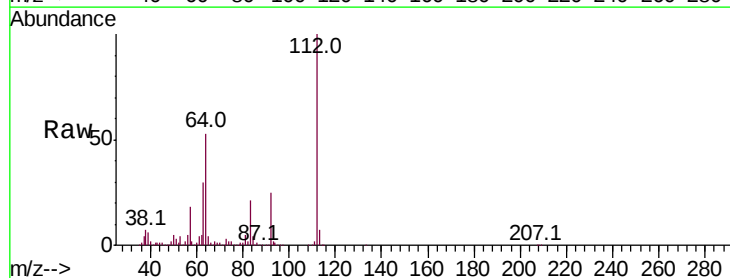
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



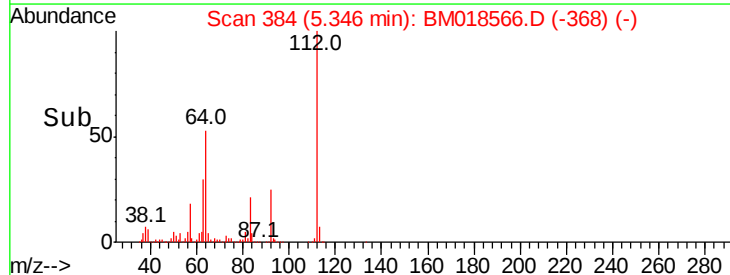
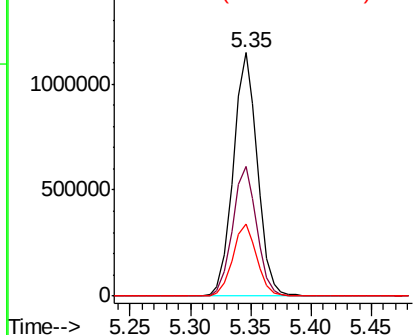
#5

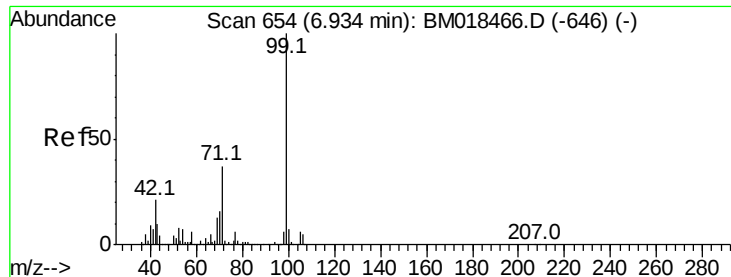
2-Fluorophenol
Concen: 107.236 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018566.D
Acq: 15 Jan 2019 18:17

Tgt Ion:112 Resp: 1597849
Ion Ratio Lower Upper
112 100
64 53.3 46.5 69.7
63 29.5 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: 94.607 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018566.D

Acq: 15 Jan 2019 18:17

Instrument :

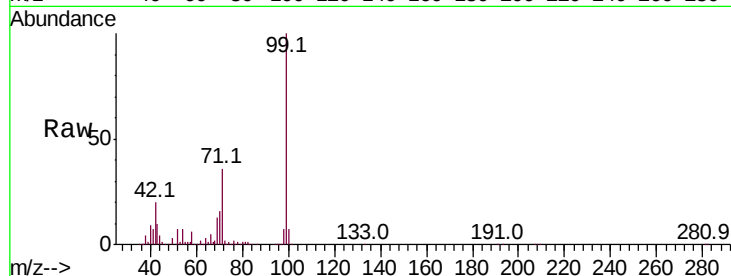
BNA_M

ClientSampleId :

S-2

Tot Ion: 99 Resp: 1790455

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.3	25.9
71	36.1	28.0	42.0



Abundance

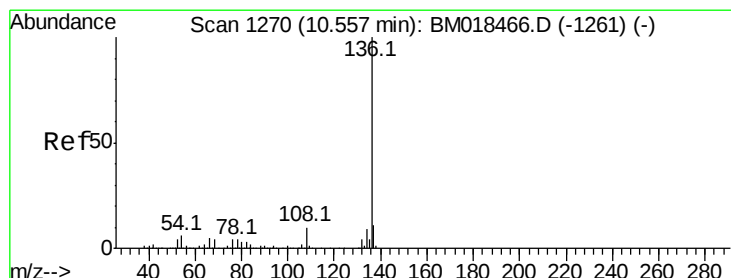
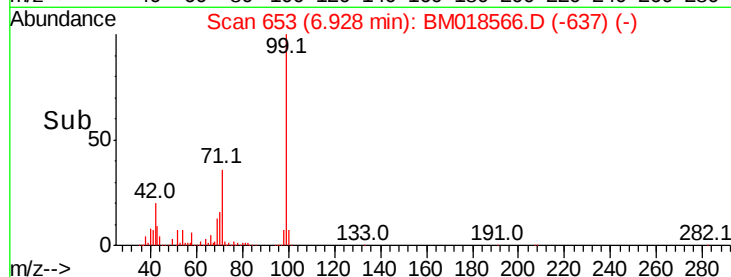
Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

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

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

6.93

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1268

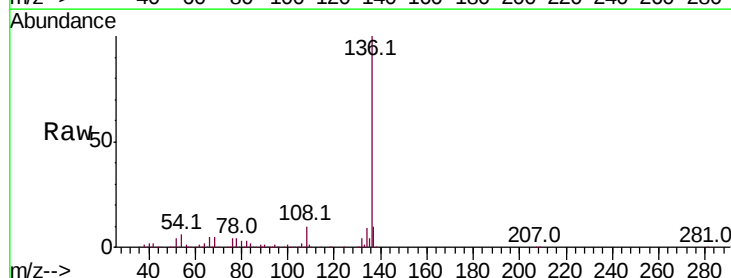
Delta R.T. -0.01 min

Lab File: BM018566.D

Acq: 15 Jan 2019 18:17

Tgt Ion: 136 Resp: 1058141

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	6.1	6.0	9.0
68	4.6	4.5	6.7



Abundance

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

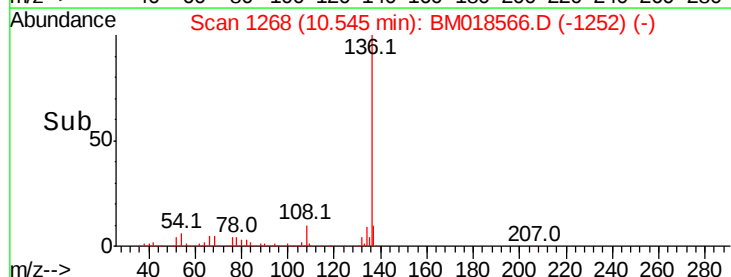
Ion 137.00 (136.70 to 137.70): BM018466.D (-1261) (-)

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

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

10.55

Time-->





#23

Nitrobenzene-d5

Concen: 76.737 ng

RT: 8.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BM018566.D

Acq: 15 Jan 2019 18:17

Instrument :

BNA_M

ClientSampleId :

S-2

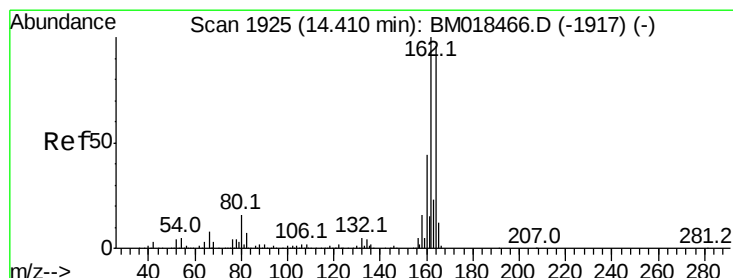
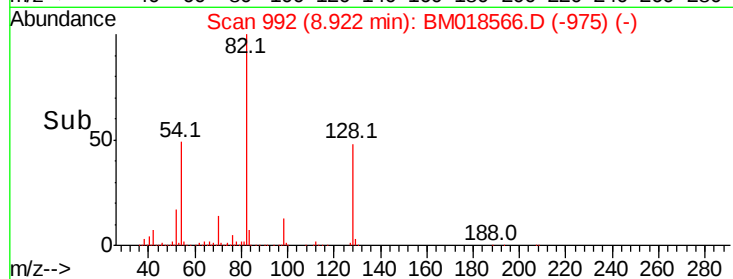
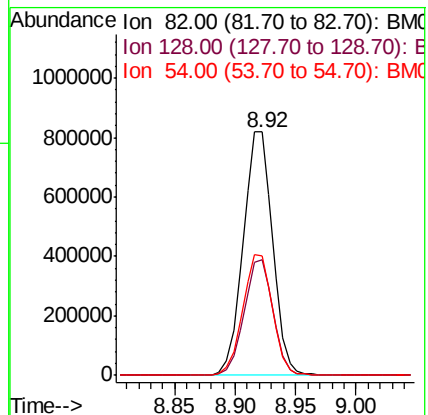
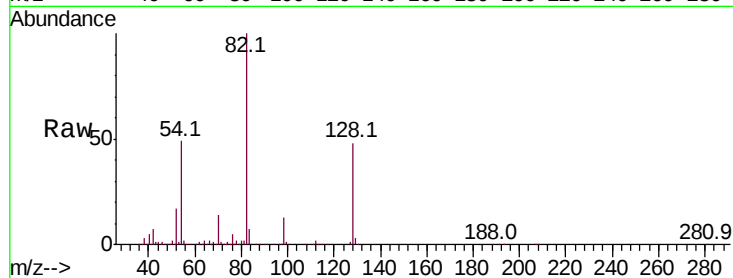
Tot Ion: 82 Resp: 1400683

Ion Ratio Lower Upper

82 100

128 47.6 36.3 54.5

54 49.3 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.40 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM018566.D

Acq: 15 Jan 2019 18:17

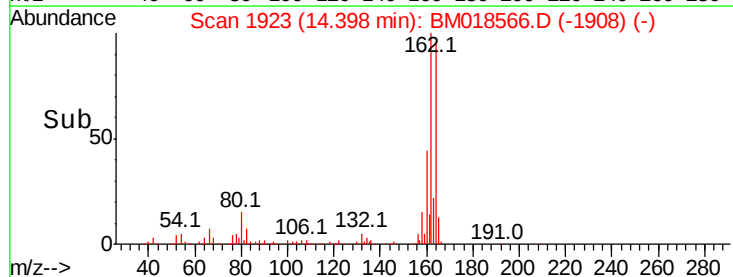
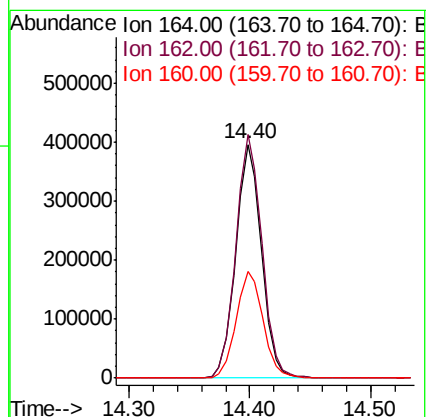
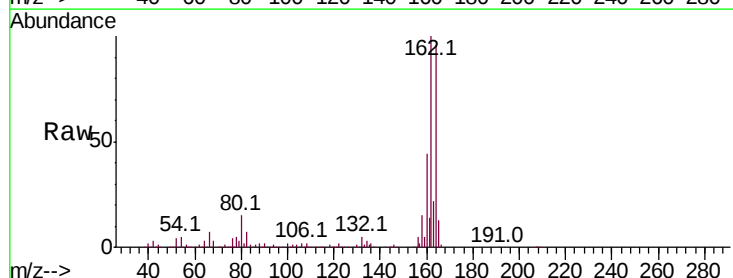
Tgt Ion: 164 Resp: 589953

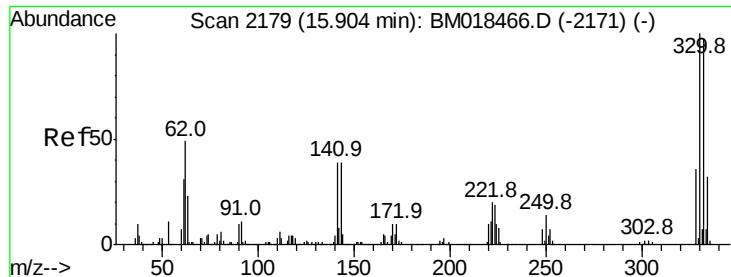
Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.4

160 45.7 37.1 55.7

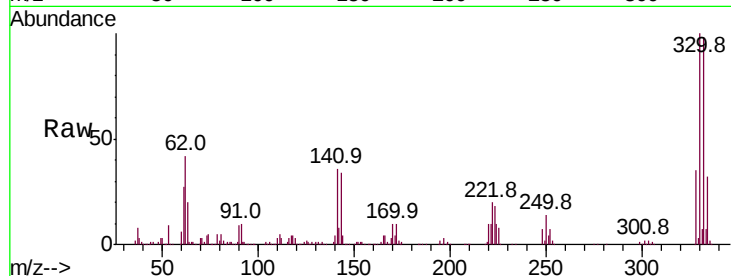




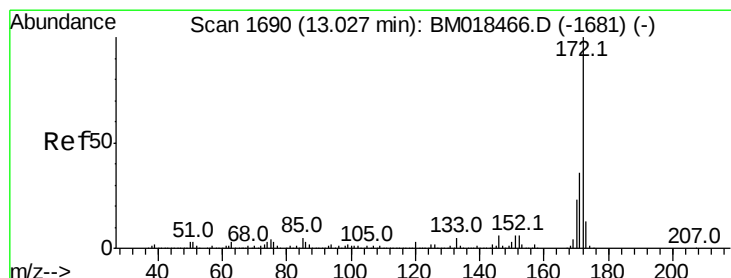
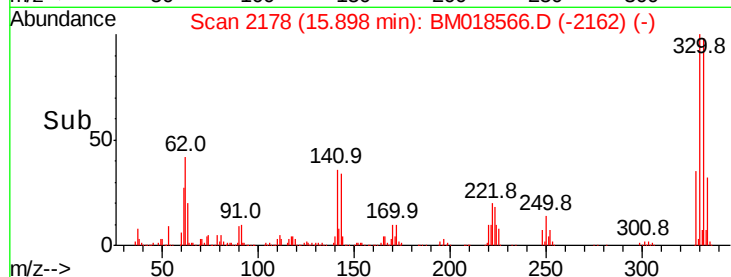
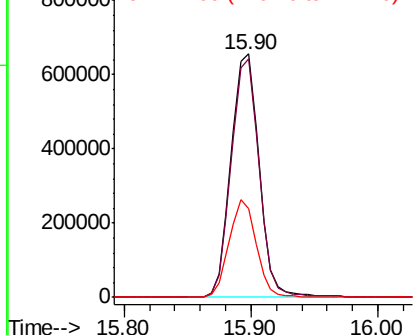
#42
 2,4,6-Tribromophenol
 Concen: 134.437 ng
 RT: 15.90 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BM018566.D
 Acq: 15 Jan 2019 18:17

Instrument :
 BNA_M
 ClientSampled :
 S-2

Tot Ion:330 Resp: 1009857
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.6 116.4
 141 38.8 31.7 47.5

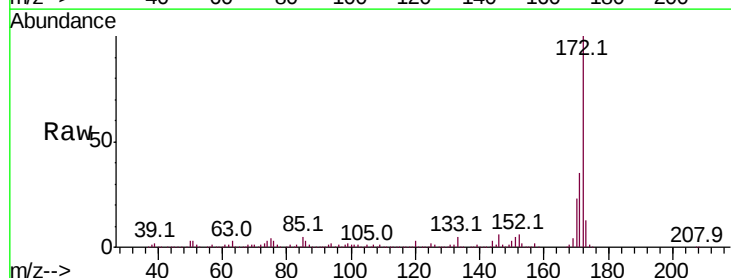


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

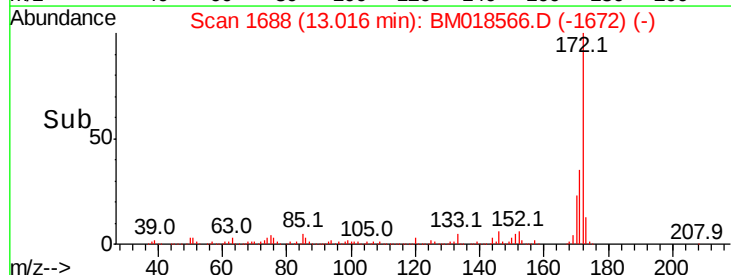
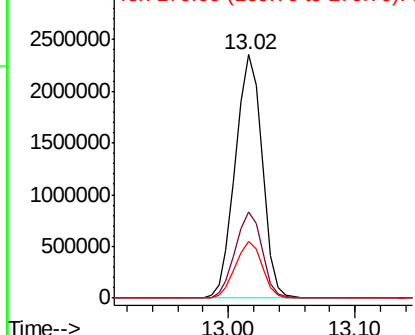


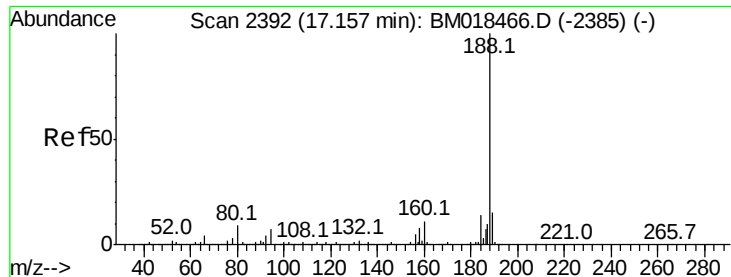
#45
 2-Fluorobiphenyl
 Concen: 76.610 ng
 RT: 13.02 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM018566.D
 Acq: 15 Jan 2019 18:17

Tgt Ion:172 Resp: 3463670
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.2 42.4
 170 23.1 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: 17.15 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018566.D

Acq: 15 Jan 2019 18:17

Instrument :

BNA_M

ClientSampled :

S-2

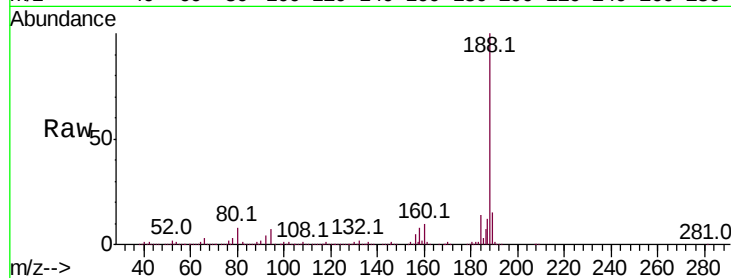
Tot Ion:188 Resp: 1415771

Ion Ratio Lower Upper

188 100

94 7.2 7.1 10.7

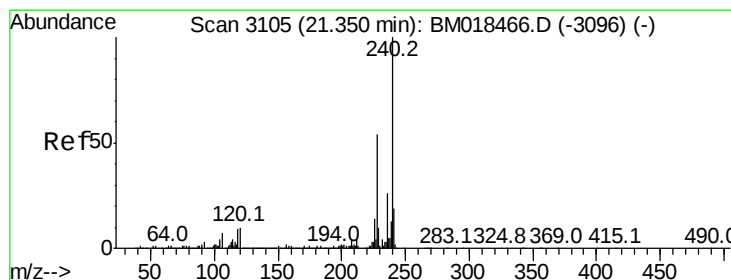
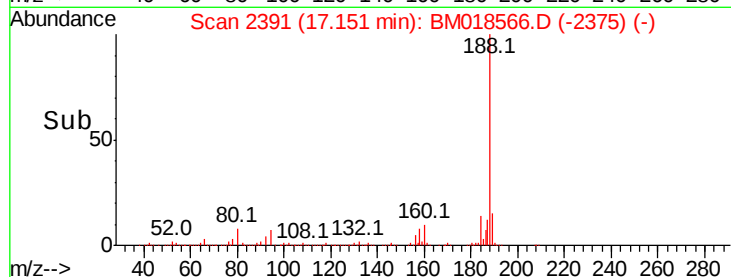
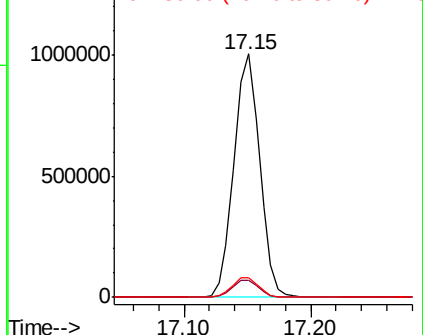
80 7.9 7.6 11.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.34 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018566.D

Acq: 15 Jan 2019 18:17

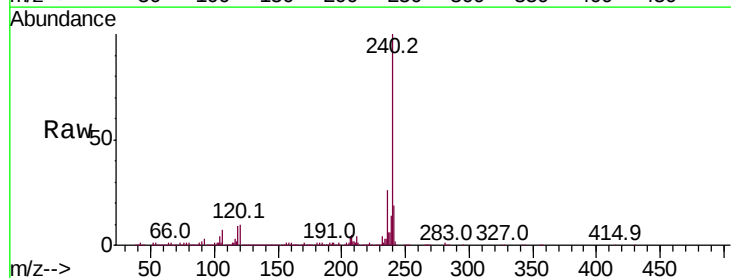
Tgt Ion:240 Resp: 1609812

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

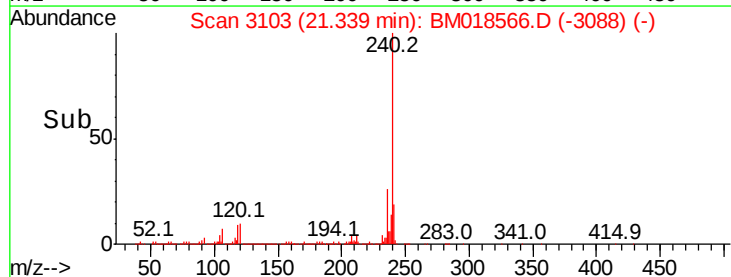
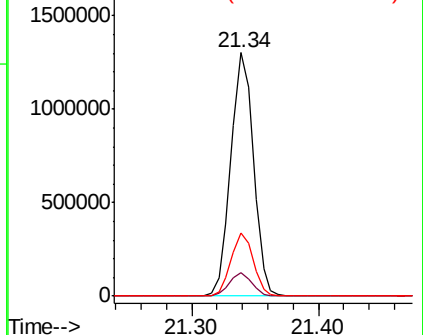
236 25.9 20.7 31.1

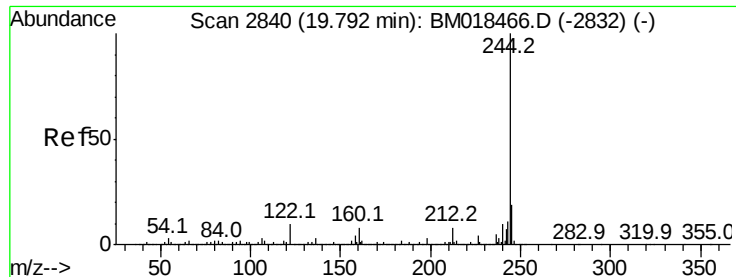


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.020 ng

RT: 19.78 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BM018566.D

Acq: 15 Jan 2019 18:17

Instrument :

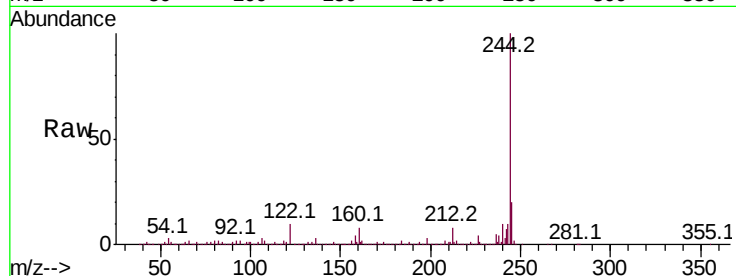
BNA_M

ClientSampleId :

S-2

Tot Ion:244 Resp: 6263470

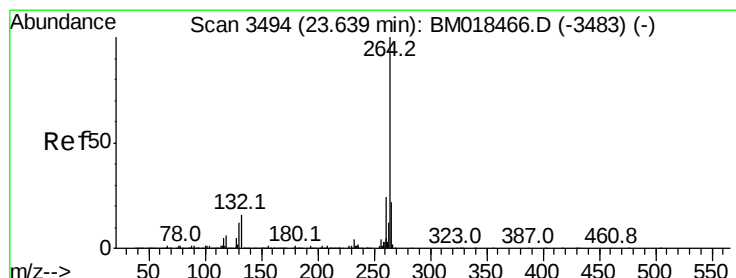
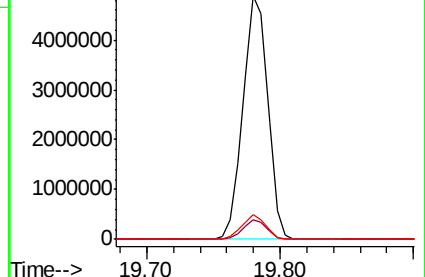
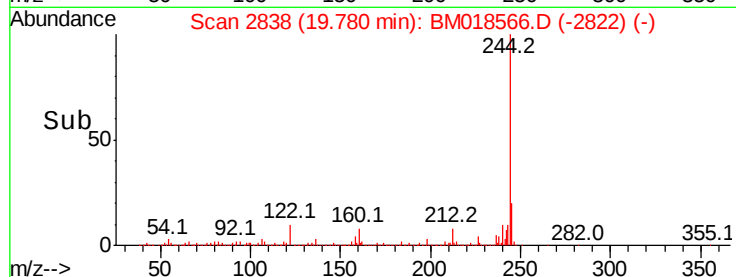
Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	9.9	9.0	13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.62 min Scan# 3491

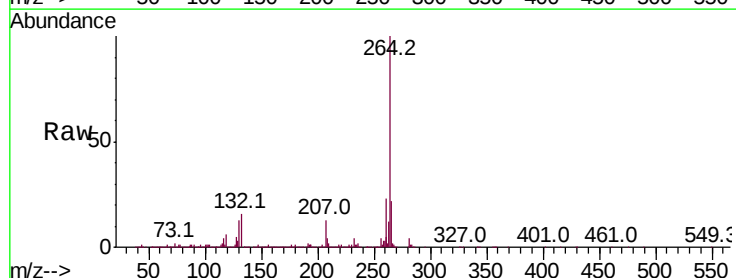
Delta R.T. -0.01 min

Lab File: BM018566.D

Acq: 15 Jan 2019 18:17

Tgt Ion:264 Resp: 1587538

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	21.8	16.8	25.2



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

