

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011519\
 Data File : BM018575.D
 Acq On : 15 Jan 2019 23:42
 Operator : JU/SJ
 Sample : PB116389TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116389TB

Quant Time: Jan 16 00:38:48 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	190084	20.00	ng	-0.01
21) Naphthalene-d8	10.55	136	754617	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	445395	20.00	ng	-0.01
64) Phenanthrene-d10	17.15	188	1086910	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1321903	20.00	ng	-0.01
87) Perylene-d12	23.62	264	1424129	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1397560	135.76	ng	0.00
7) Phenol-d6	6.93	99	1792336	137.08	ng	0.00
23) Nitrobenzene-d5	8.92	82	1059439	81.39	ng	0.00
42) 2,4,6-Tribromophenol	15.89	330	796414	140.43	ng	-0.01
45) 2-Fluorobiphenyl	13.02	172	2776219	81.33	ng	0.00
79) Terphenyl-d14	19.78	244	4970123	79.26	ng	0.00

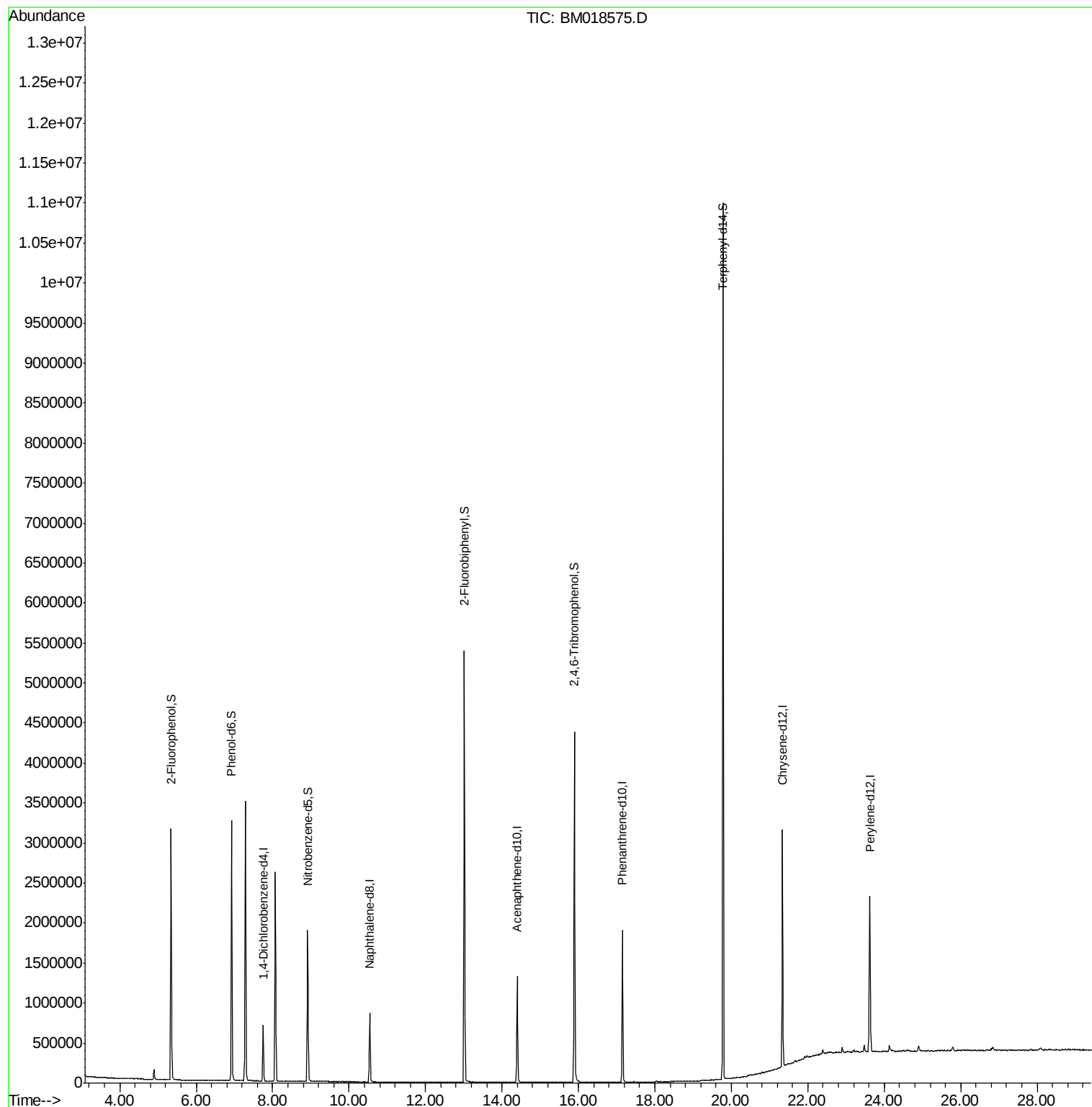
Target Compounds Qvalue

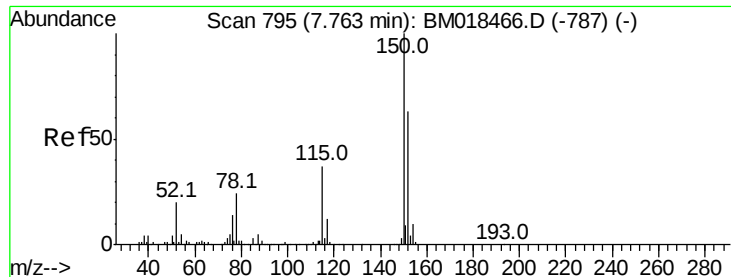
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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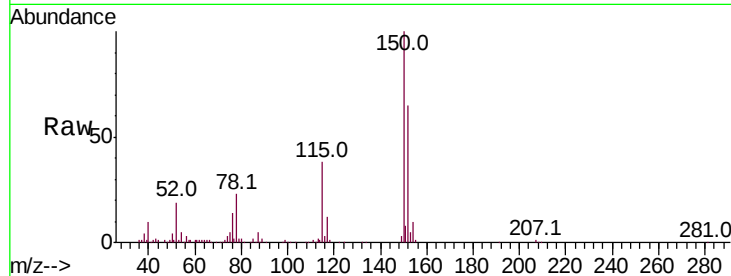


#1

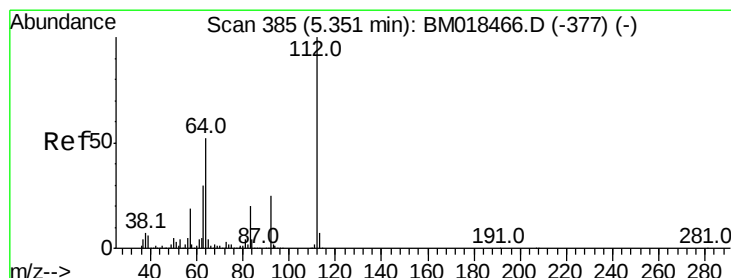
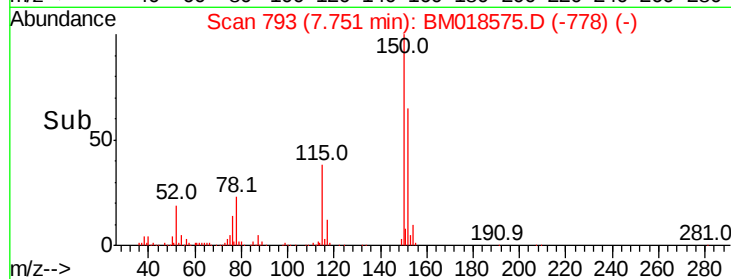
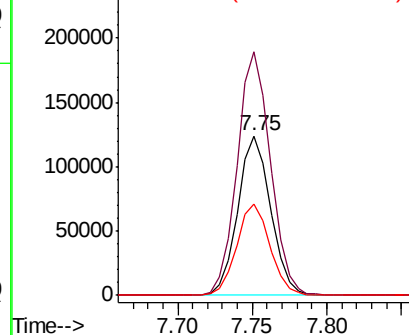
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM018575.D
Acq: 15 Jan 2019 23:42

Instrument :
BNA_M
ClientSampleId :
PB116389TB

Tot Ion:152 Resp: 190084
Ion Ratio Lower Upper
152 100
150 152.8 126.9 190.3
115 57.5 45.5 68.3



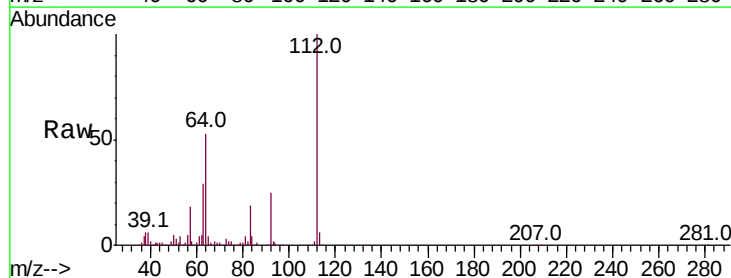
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



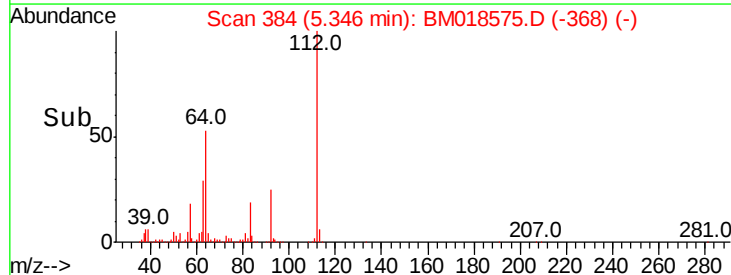
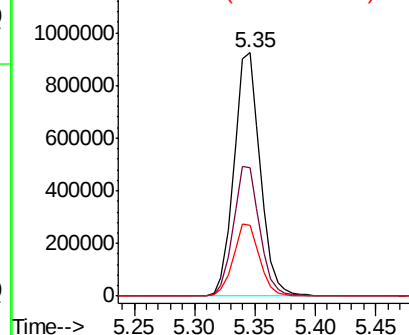
#5

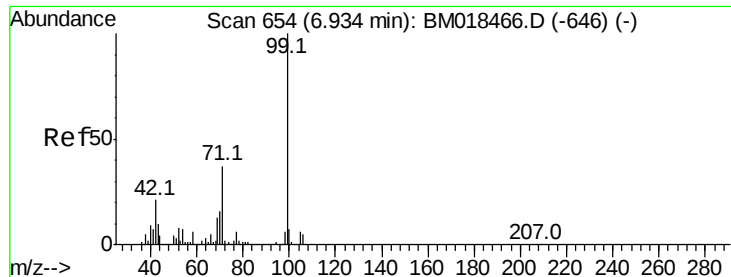
2-Fluorophenol
Concen: 135.760 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018575.D
Acq: 15 Jan 2019 23:42

Tgt Ion:112 Resp: 1397560
Ion Ratio Lower Upper
112 100
64 52.5 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: 137.081 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018575.D

Acq: 15 Jan 2019 23:42

Instrument :

BNA_M

ClientSampleId :

PB116389TB

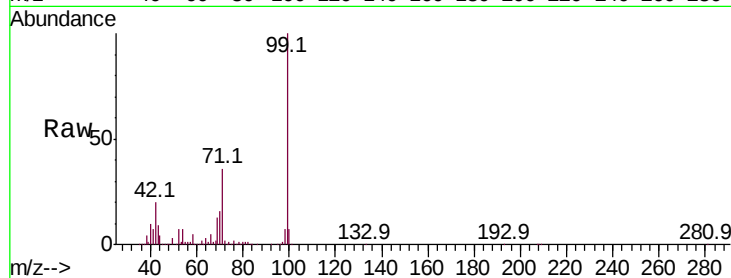
Tot Ion: 99 Resp: 1792336

Ion Ratio Lower Upper

99 100

42 19.5 17.3 25.9

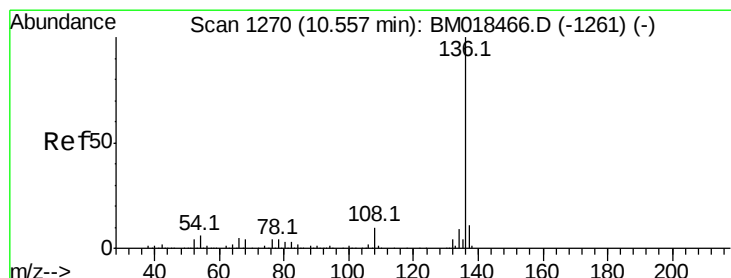
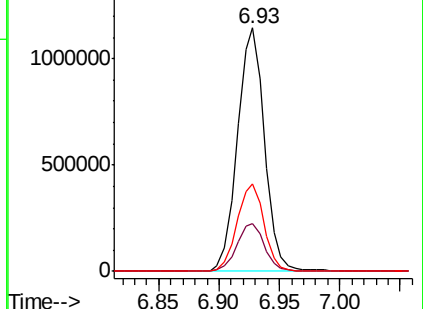
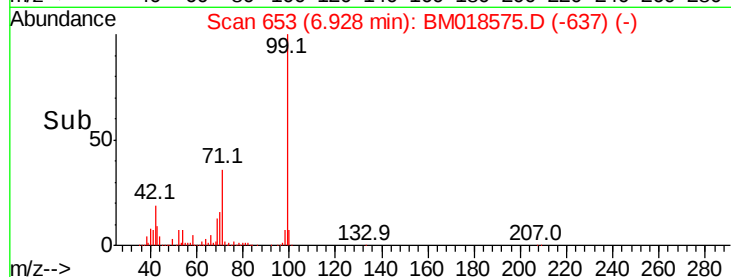
71 35.8 28.0 42.0



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# 1268

Delta R.T. -0.01 min

Lab File: BM018575.D

Acq: 15 Jan 2019 23:42

Tgt Ion: 136 Resp: 754617

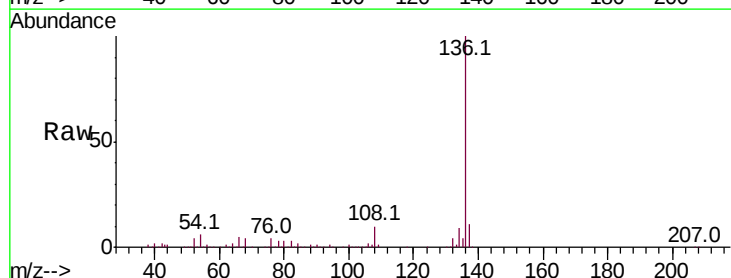
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.5 6.0 9.0

68 4.3 4.5 6.7#

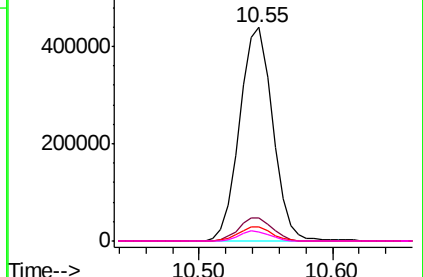
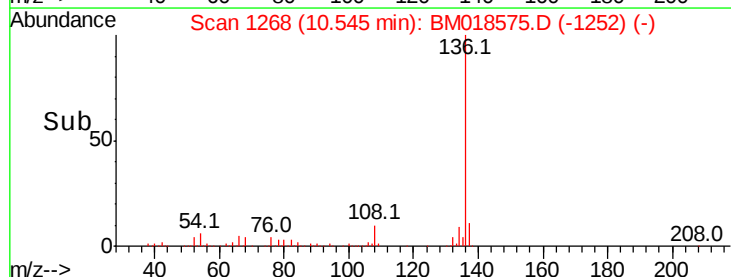


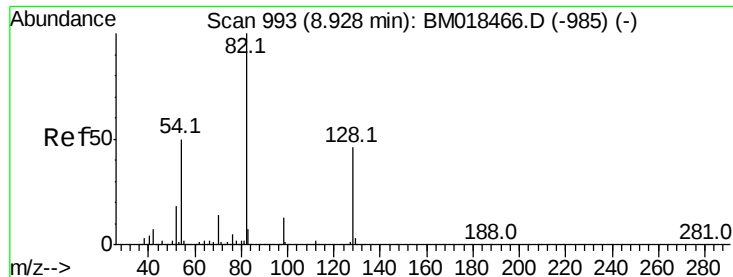
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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: 81.388 ng

RT: 8.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BM018575.D

Acq: 15 Jan 2019 23:42

Instrument :

BNA_M

ClientSampleId :

PB116389TB

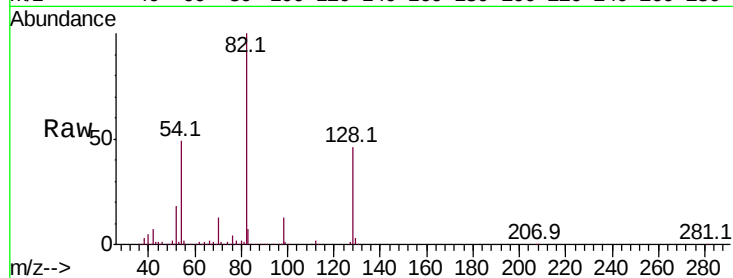
Tot Ion: 82 Resp: 1059439

Ion Ratio Lower Upper

82 100

128 46.2 36.3 54.5

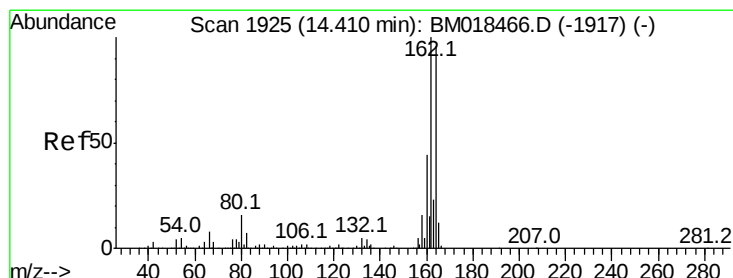
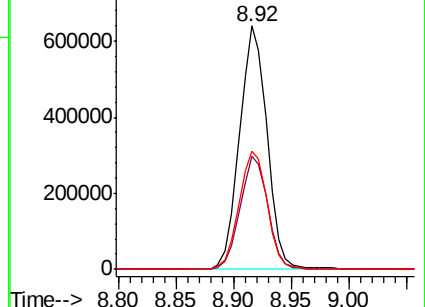
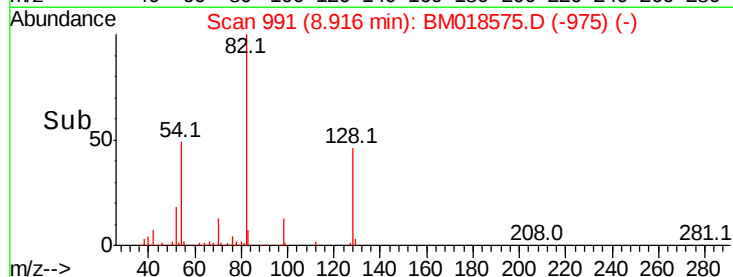
54 48.5 41.7 62.5



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# 1923

Delta R.T. -0.01 min

Lab File: BM018575.D

Acq: 15 Jan 2019 23:42

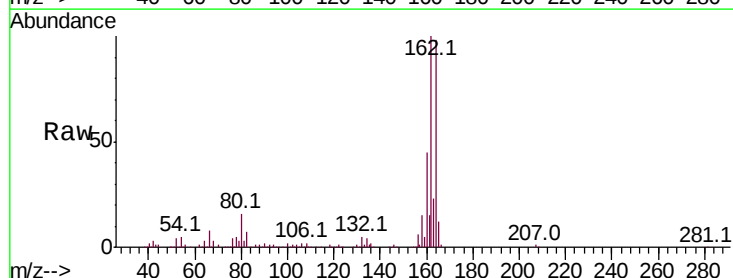
Tgt Ion: 164 Resp: 445395

Ion Ratio Lower Upper

164 100

162 102.5 83.0 124.4

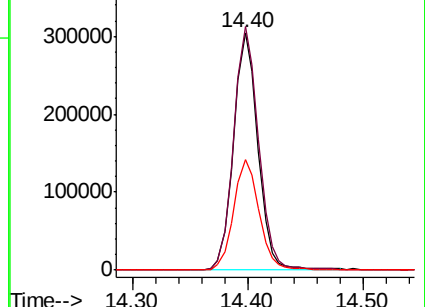
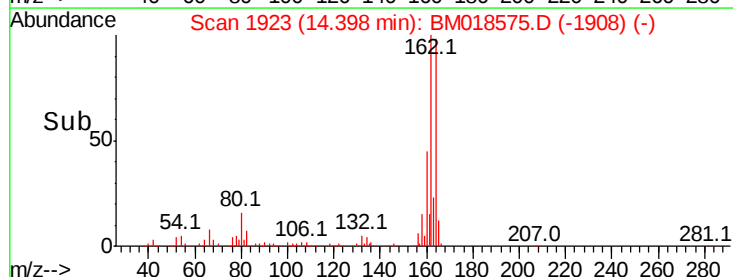
160 46.3 37.1 55.7

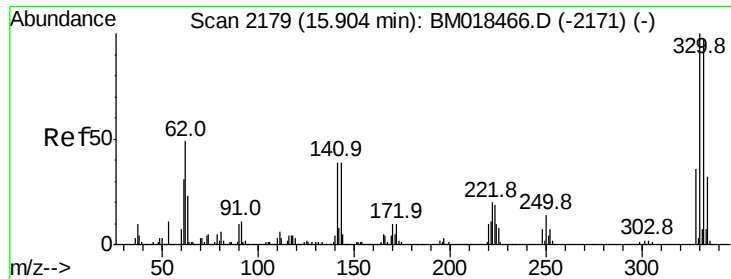


Abundance Ion 164.00 (163.70 to 164.70): BM018466.D (-1917) (-)

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

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

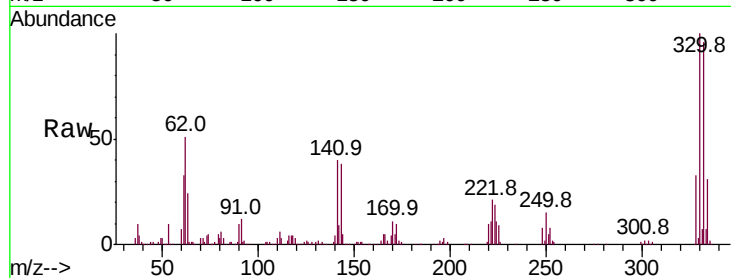




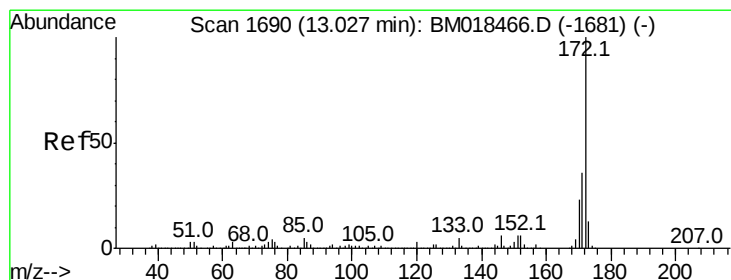
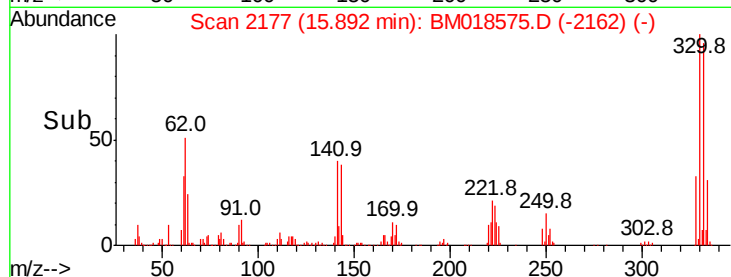
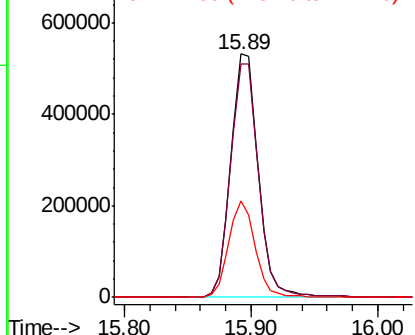
#42
 2,4,6-Tribromophenol
 Concen: 140.433 ng
 RT: 15.89 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BM018575.D
 Acq: 15 Jan 2019 23:42

Instrument :
 BNA_M
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 PB116389TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.6	116.4
141	38.4	31.7	47.5

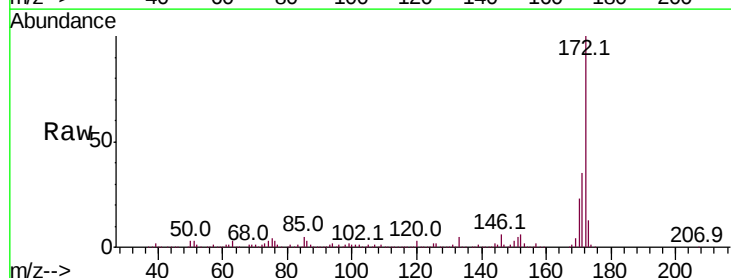


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

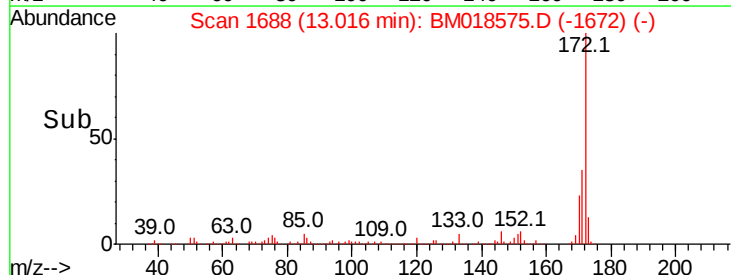
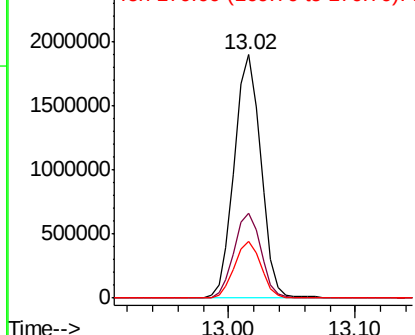


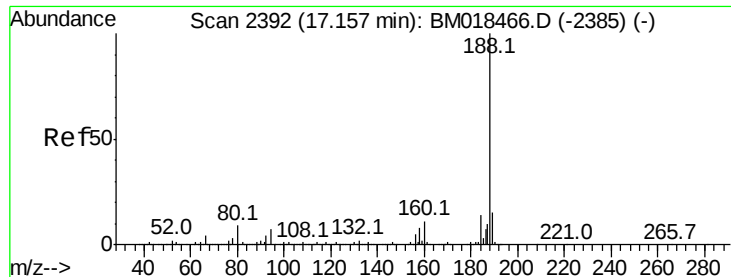
#45
 2-Fluorobiphenyl
 Concen: 81.334 ng
 RT: 13.02 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM018575.D
 Acq: 15 Jan 2019 23:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	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

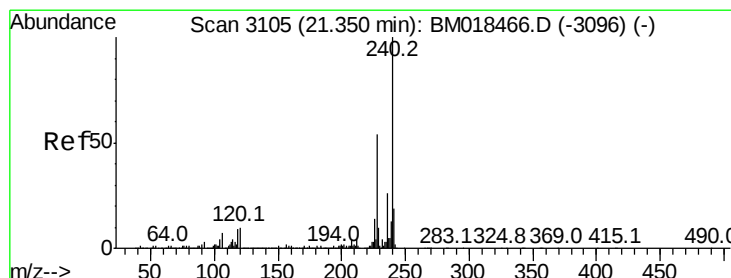
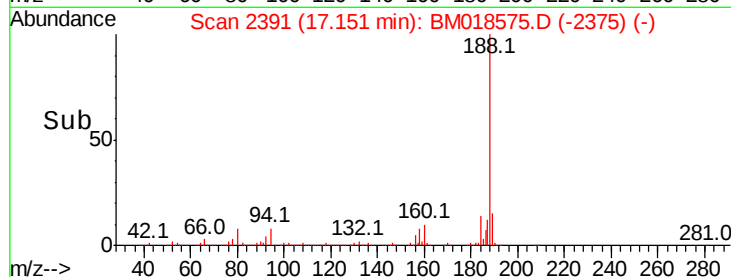
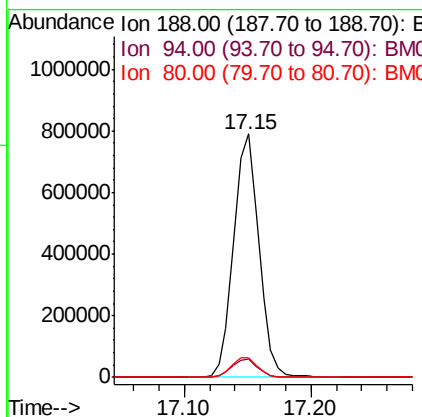
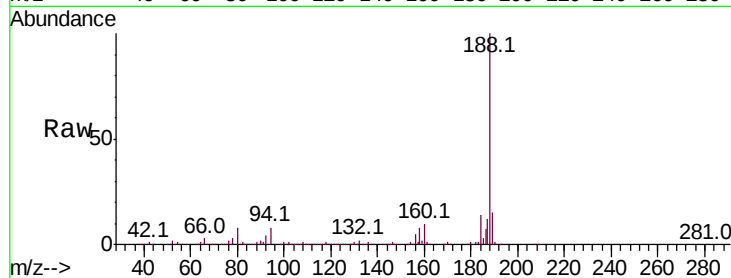




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018575.D
Acq: 15 Jan 2019 23:42

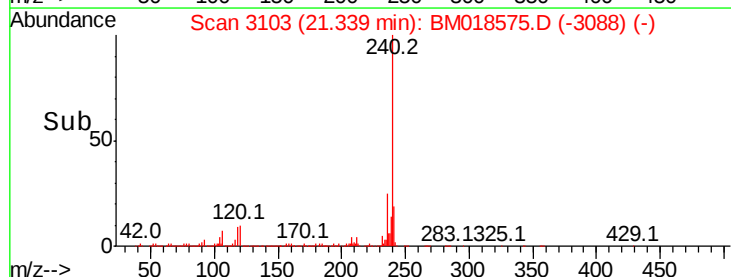
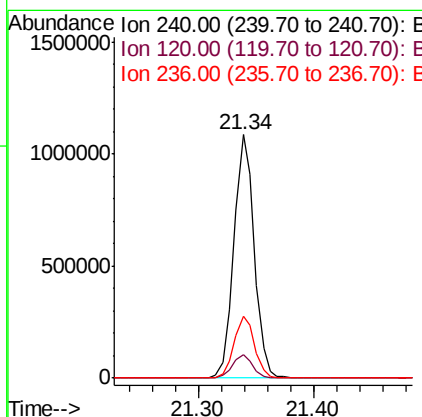
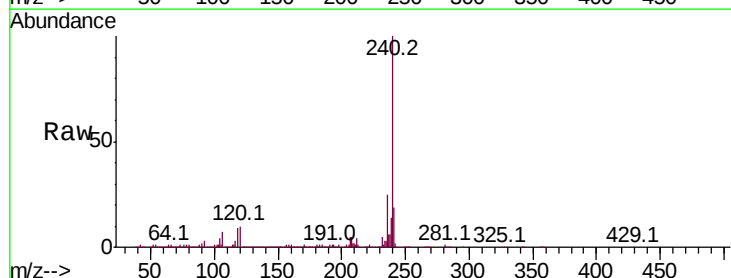
Instrument :
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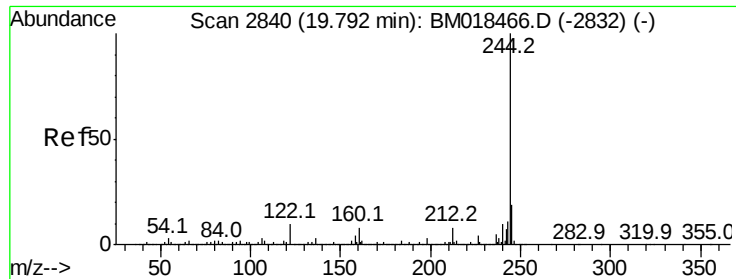
Tot Ion:188 Resp: 1086910
Ion Ratio Lower Upper
188 100
94 7.6 7.1 10.7
80 7.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018575.D
Acq: 15 Jan 2019 23:42

Tgt Ion:240 Resp: 1321903
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 25.3 20.7 31.1





#79

Terphenyl-d14

Concen: 79.258 ng

RT: 19.78 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BM018575.D

Acq: 15 Jan 2019 23:42

Instrument :

BNA_M

ClientSampled :

PB116389TB

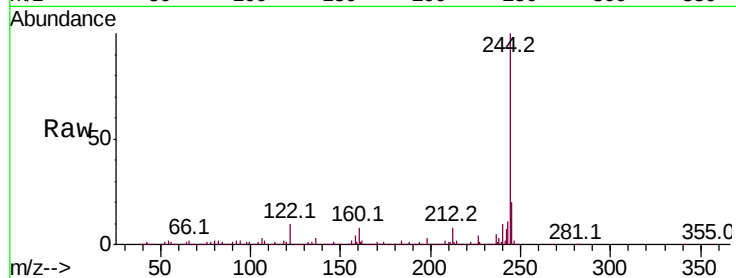
Tot Ion:244 Resp: 4970123

Ion Ratio Lower Upper

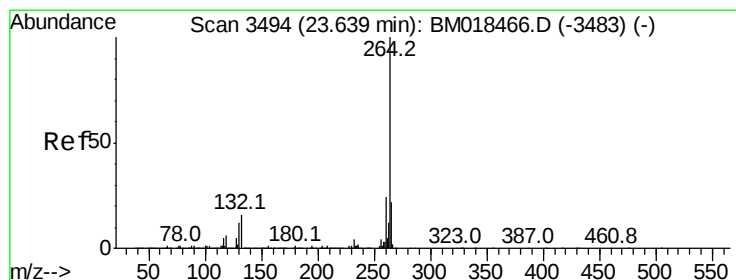
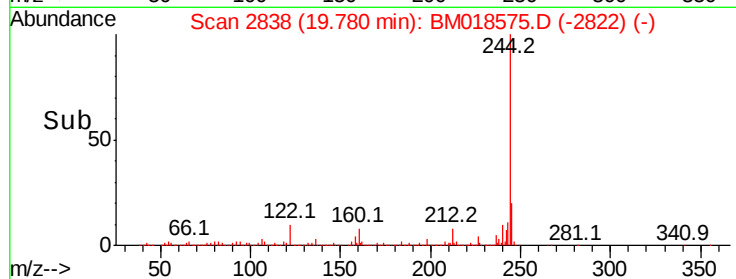
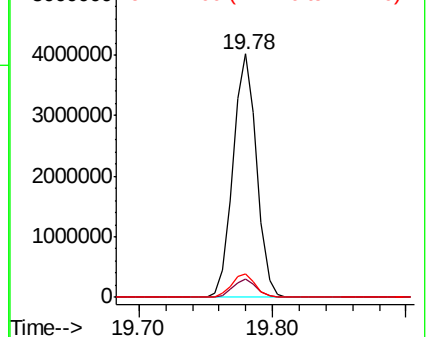
244 100

212 7.5 5.9 8.9

122 9.7 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: BM018575.D

Acq: 15 Jan 2019 23:42

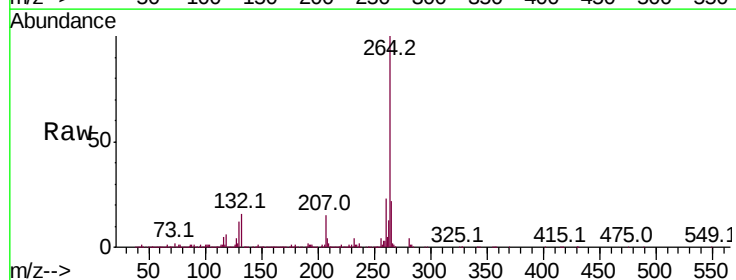
Tgt Ion:264 Resp: 1424129

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 22.2 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

