

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020056.D
 Acq On : 24 Apr 2019 04:15
 Operator : JU/SJ
 Sample : PB119150TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119150TB

Quant Time: Apr 24 08:26:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	78534	20.00	ng	-0.02
21) Naphthalene-d8	10.28	136	234012	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	138059	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	284603	20.00	ng	0.00
76) Chrysene-d12	21.15	240	307154	20.00	ng	-0.01
87) Perylene-d12	23.33	264	395702	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	545824	112.64	ng	-0.02
7) Phenol-d6	6.69	99	686076	94.07	ng	-0.02
23) Nitrobenzene-d5	8.67	82	414078	79.13	ng	-0.01
42) 2,4,6-Tribromophenol	15.68	330	214360	96.46	ng	-0.01
45) 2-Fluorobiphenyl	12.77	172	870584	78.59	ng	-0.02
79) Terphenyl-d14	19.57	244	1386708	79.63	ng	-0.02

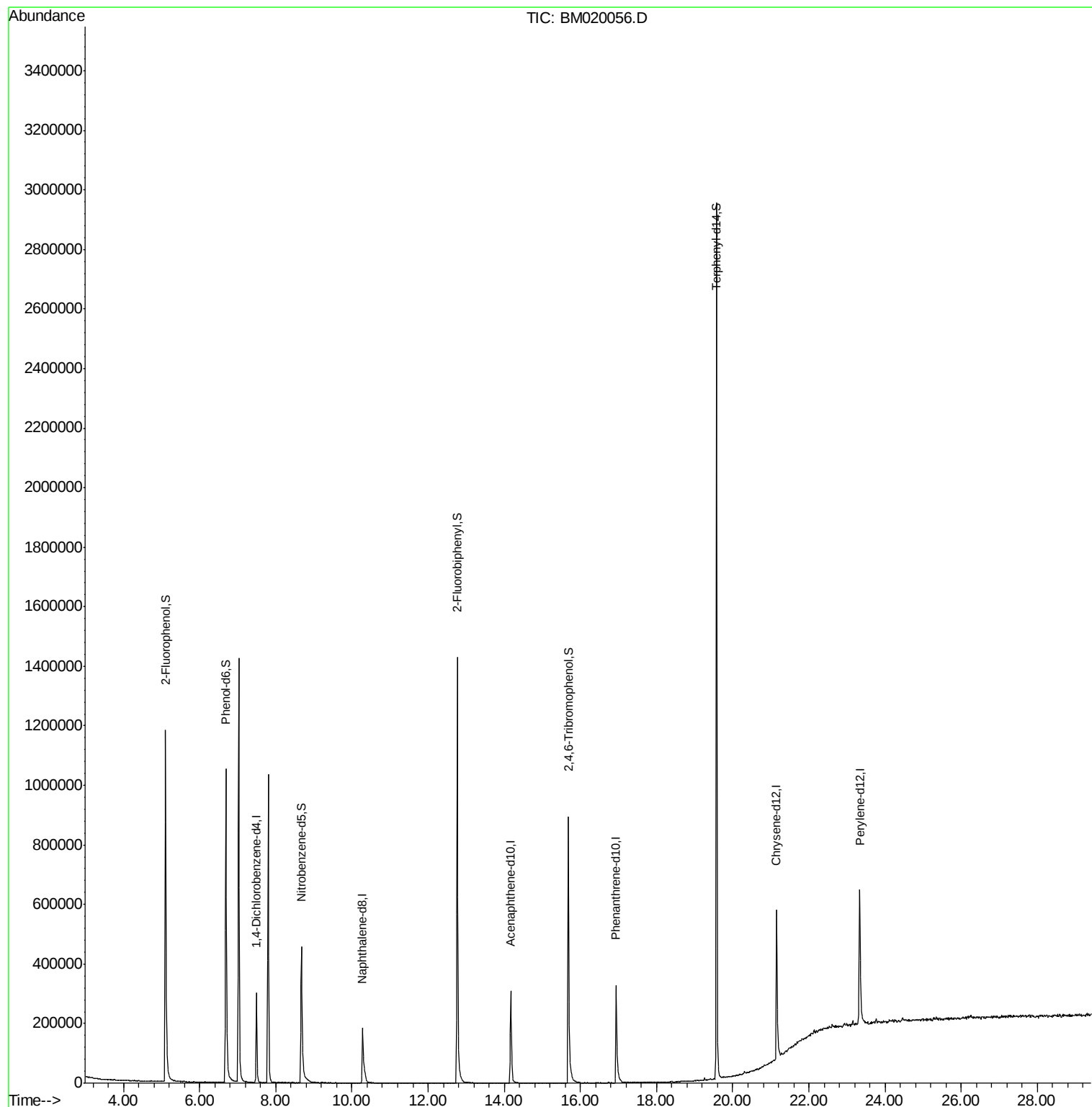
Target Compounds Qvalue

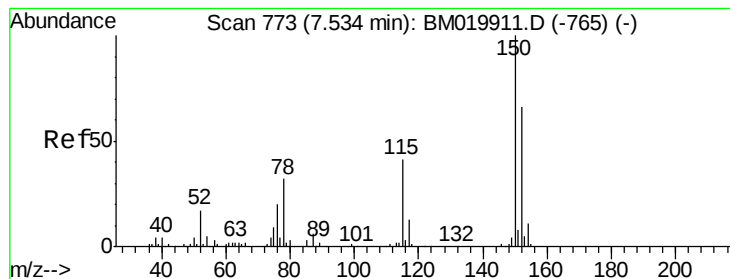
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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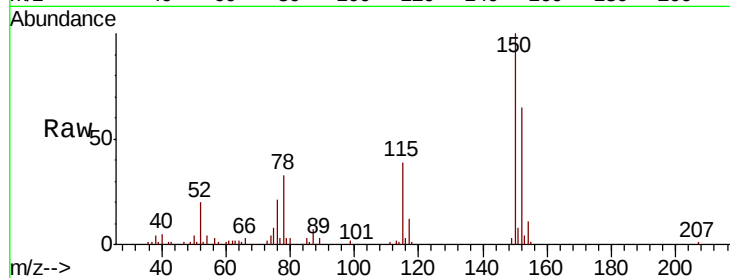


#1

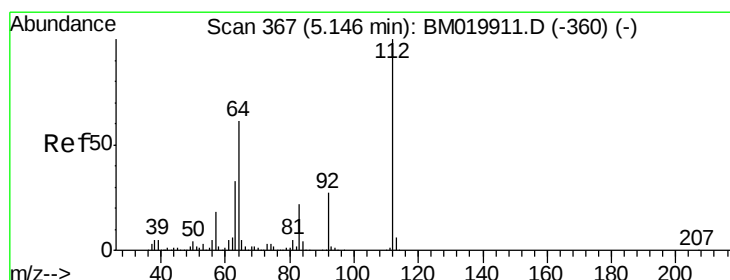
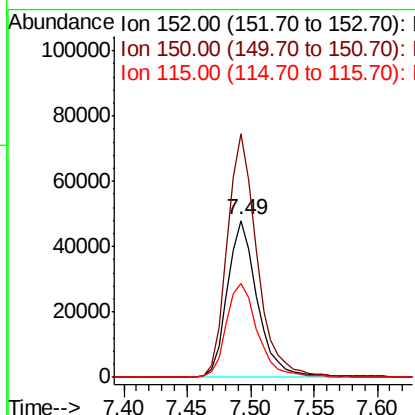
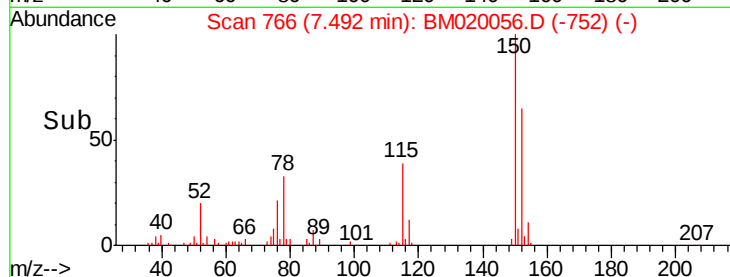
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 766
Delta R.T. -0.02 min
Lab File: BM020056.D
Acq: 24 Apr 2019 04:15

Instrument :
BNA_M
ClientSampleId :
PB119150TB

Tot Ion:152 Resp: 78534
Ion Ratio Lower Upper
152 100
150 154.9 122.1 183.1
115 60.1 50.0 75.0



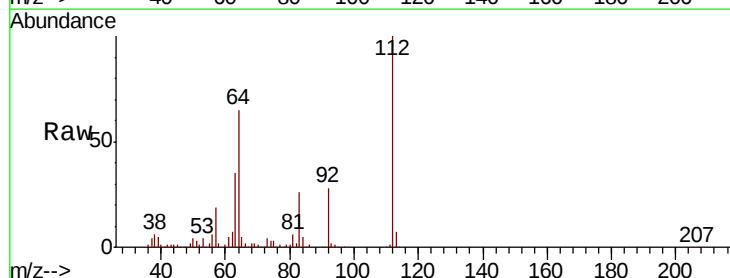
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



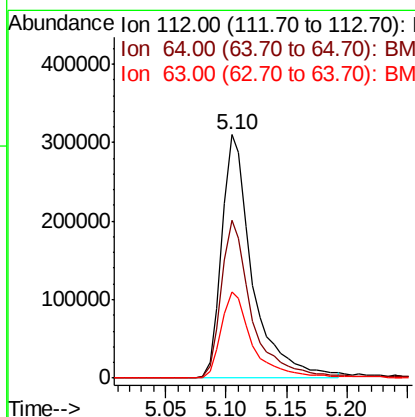
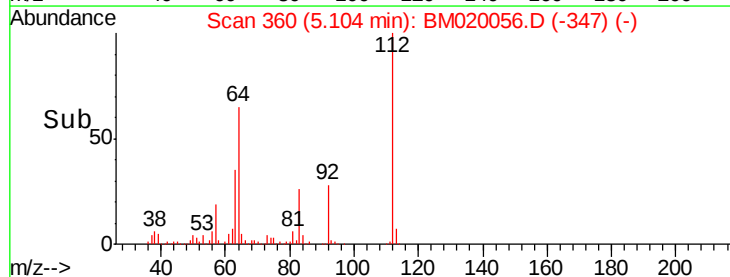
#5

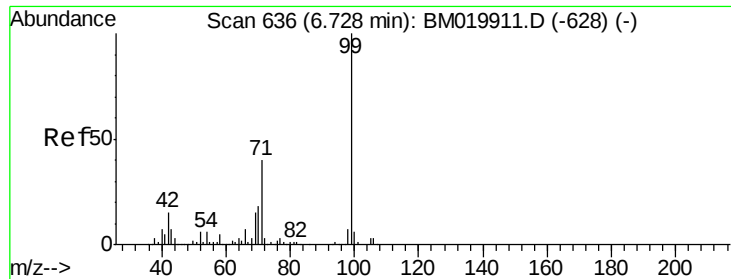
2-Fluorophenol
Concen: 112.638 ng
RT: 5.10 min Scan# 360
Delta R.T. -0.02 min
Lab File: BM020056.D
Acq: 24 Apr 2019 04:15

Tgt Ion:112 Resp: 545824
Ion Ratio Lower Upper
112 100
64 64.6 49.1 73.7
63 35.2 26.5 39.7



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: 94.074 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM020056.D

Acq: 24 Apr 2019 04:15

Instrument :

BNA_M

ClientSampleId :

PB119150TB

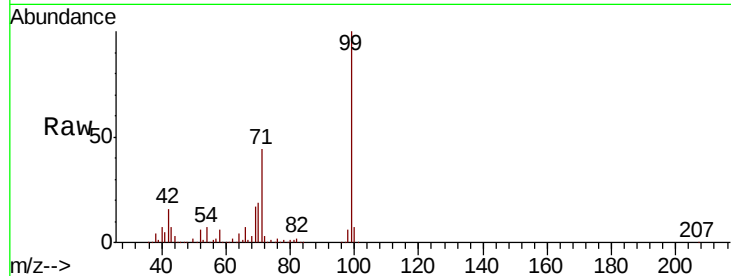
Tot Ion: 99 Resp: 686076

Ion Ratio Lower Upper

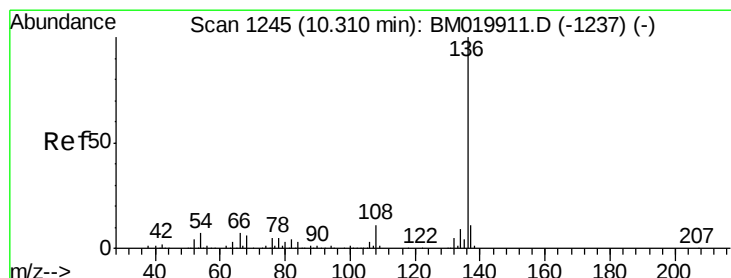
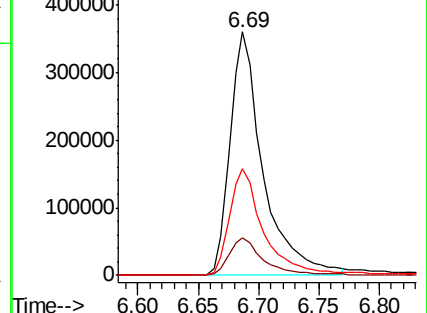
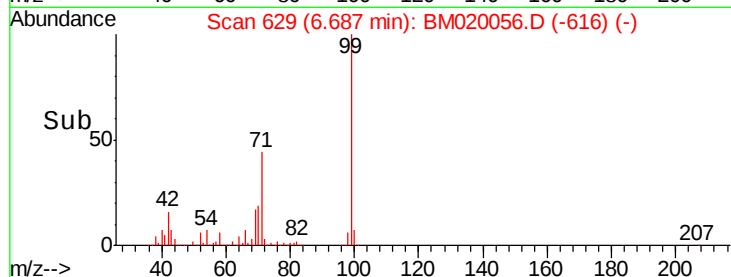
99 100

42 15.6 11.8 17.8

71 43.9 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.28 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BM020056.D

Acq: 24 Apr 2019 04:15

Tgt Ion: 136 Resp: 234012

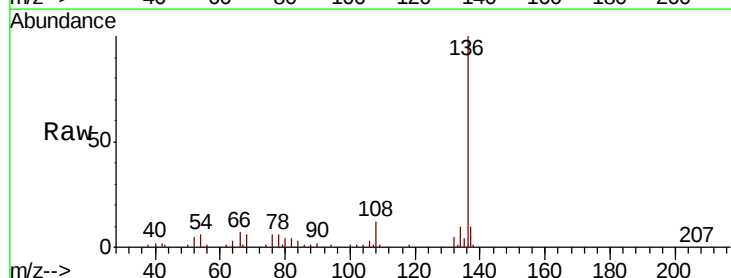
Ion Ratio Lower Upper

136 100

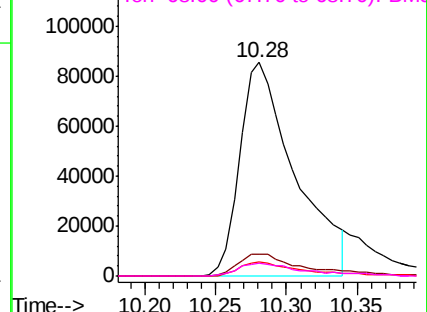
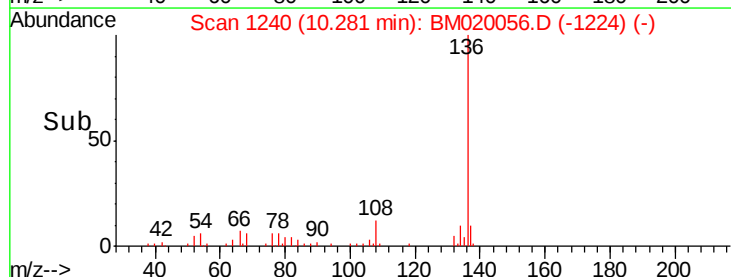
137 10.5 9.0 13.6

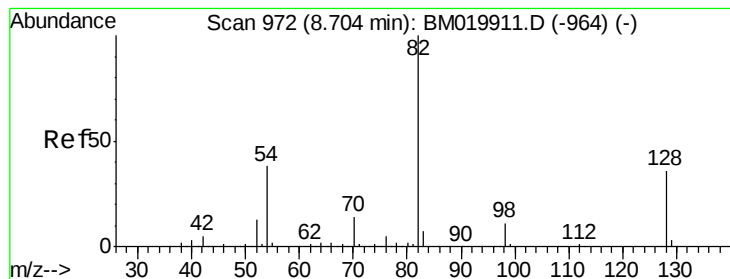
54 6.5 5.3 7.9

68 5.8 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0





#23

Nitrobenzene-d5

Concen: 79.133 ng

RT: 8.67 min Scan# 967

Delta R.T. -0.01 min

Lab File: BM020056.D

Acq: 24 Apr 2019 04:15

Instrument :

BNA_M

ClientSampleId :

PB119150TB

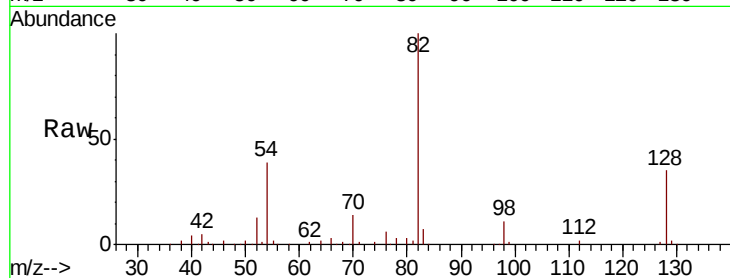
Tot Ion: 82 Resp: 414078

Ion Ratio Lower Upper

82 100

128 35.3 29.0 43.4

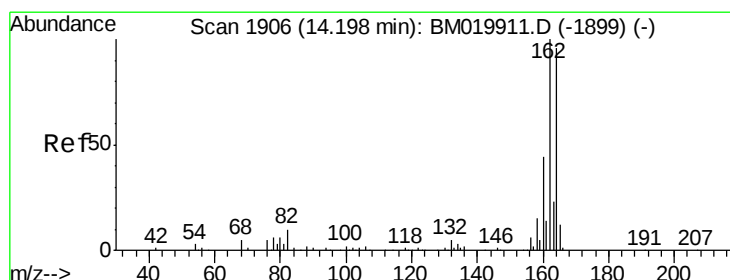
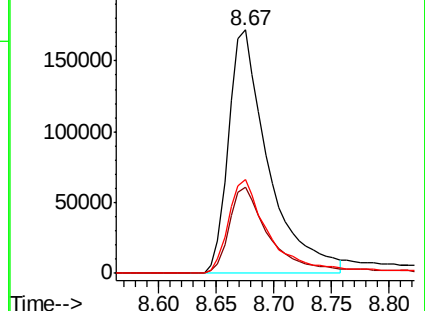
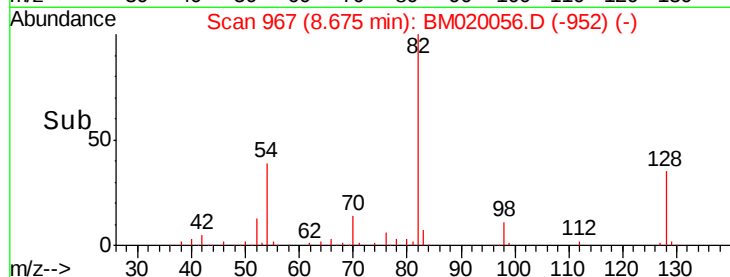
54 38.6 30.2 45.4



Abundance Ion 82.00 (81.70 to 82.70): BM020056.D (-952) (-)

Ion 128.00 (127.70 to 128.70): BM020056.D (-952) (-)

Ion 54.00 (53.70 to 54.70): BM020056.D (-952) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.17 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BM020056.D

Acq: 24 Apr 2019 04:15

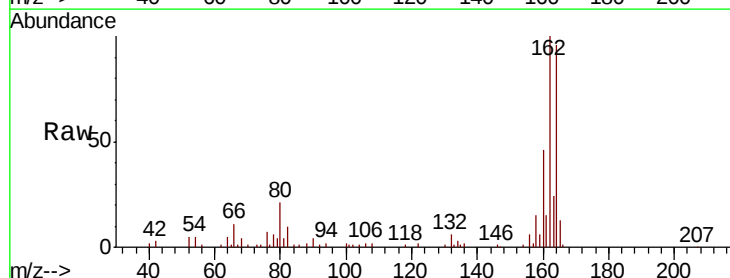
Tgt Ion: 164 Resp: 138059

Ion Ratio Lower Upper

164 100

162 103.6 83.0 124.4

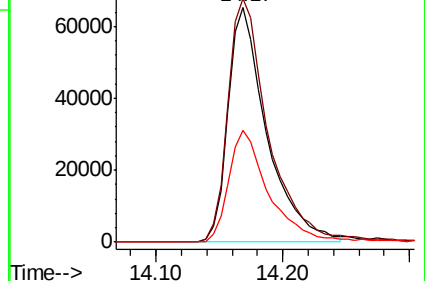
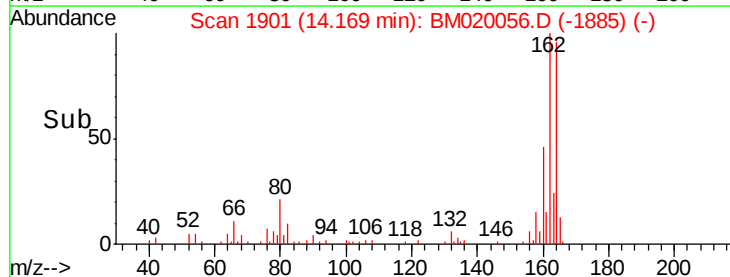
160 47.4 36.6 55.0

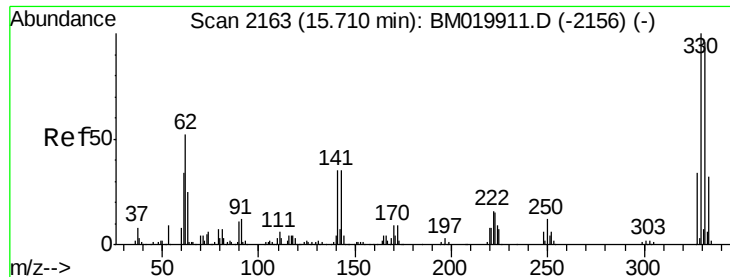


Abundance Ion 164.00 (163.70 to 164.70): BM020056.D (-1885) (-)

Ion 162.00 (161.70 to 162.70): BM020056.D (-1885) (-)

Ion 160.00 (159.70 to 160.70): BM020056.D (-1885) (-)





#42

2,4,6-Tribromophenol

Concen: 96.456 ng

RT: 15.68 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BM020056.D

Acq: 24 Apr 2019 04:15

Instrument :

BNA_M

ClientSampleId :

PB119150TB

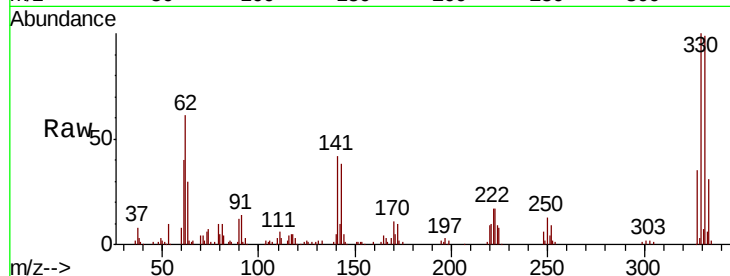
Tot Ion:330 Resp: 214360

Ion Ratio Lower Upper

330 100

332 98.4 77.4 116.2

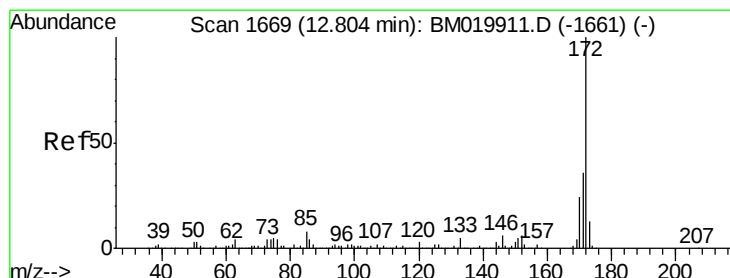
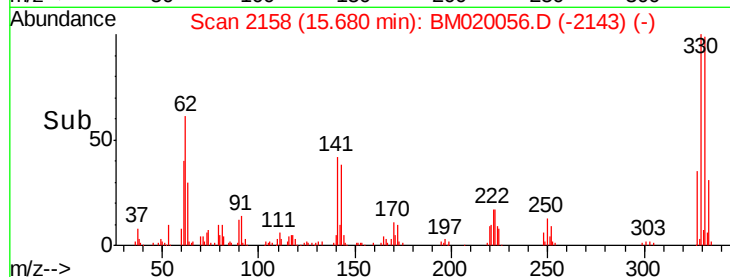
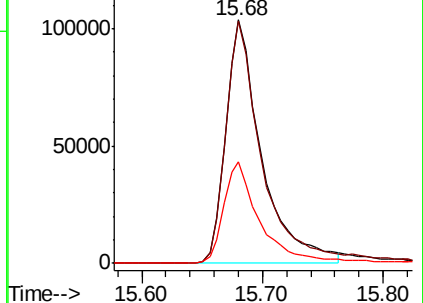
141 41.1 29.0 43.4



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: 78.586 ng

RT: 12.77 min Scan# 1663

Delta R.T. -0.02 min

Lab File: BM020056.D

Acq: 24 Apr 2019 04:15

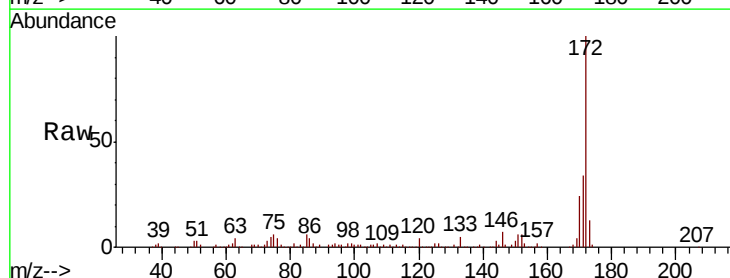
Tgt Ion:172 Resp: 870584

Ion Ratio Lower Upper

172 100

171 34.3 28.9 43.3

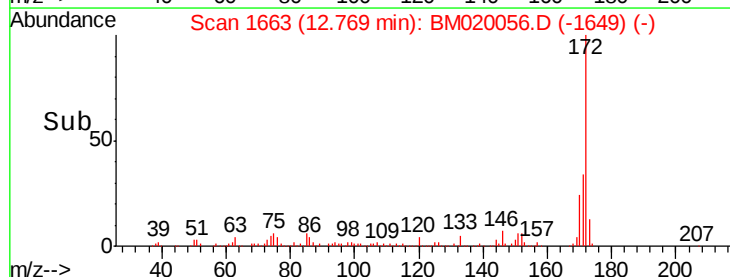
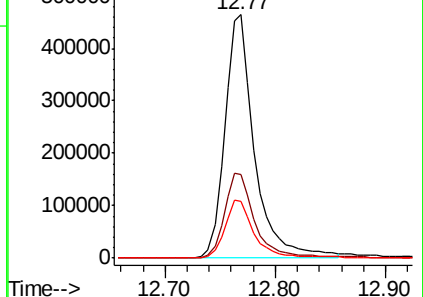
170 23.6 19.0 28.4

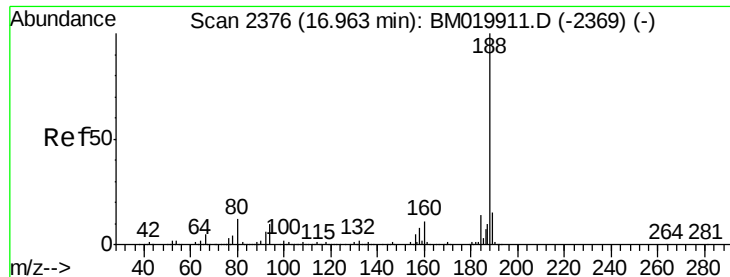


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

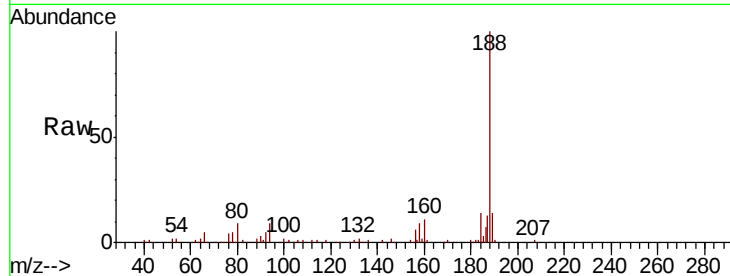




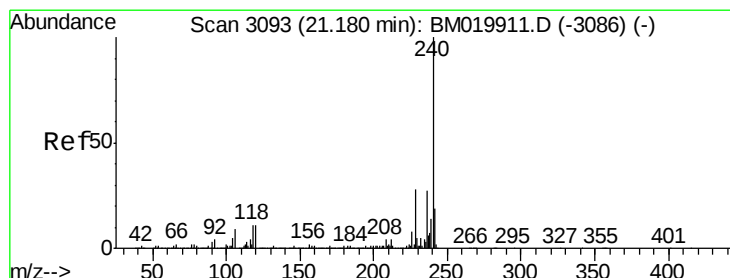
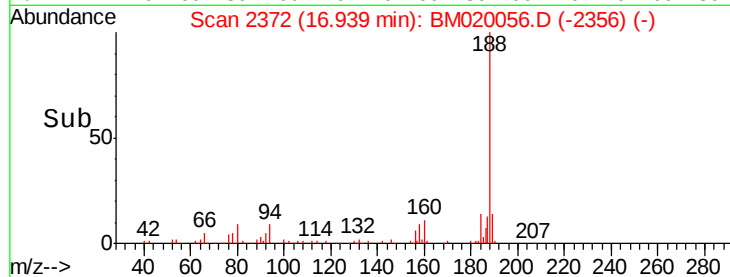
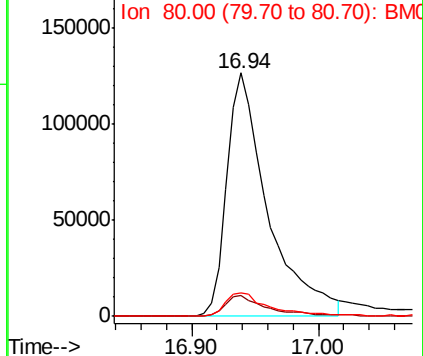
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM020056.D
Acq: 24 Apr 2019 04:15

Instrument :
BNA_M
ClientSampleId :
PB119150TB

Tot Ion:188 Resp: 284603
Ion Ratio Lower Upper
188 100
94 8.6 7.6 11.4
80 9.4 9.4 14.0

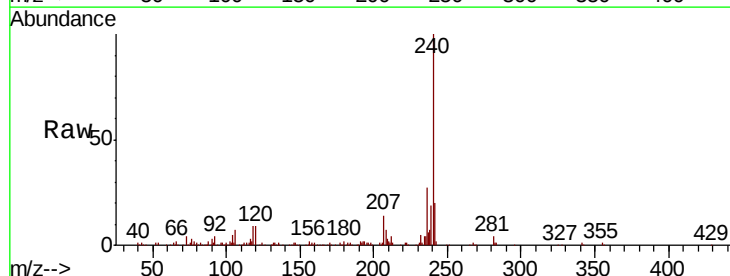


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

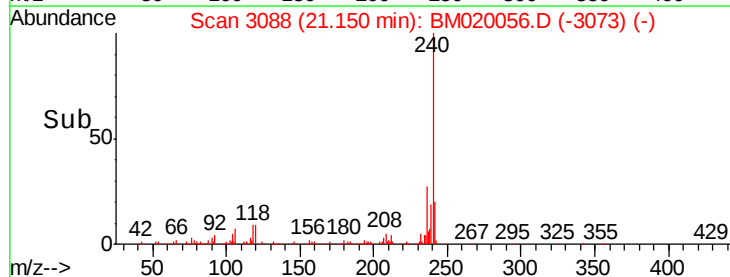
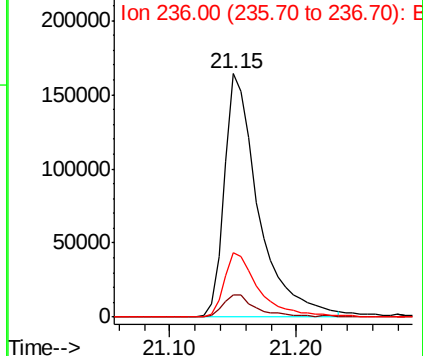


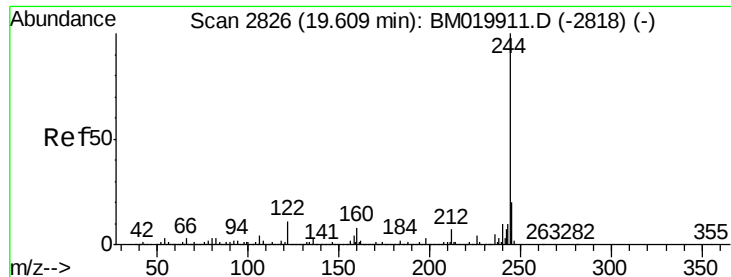
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM020056.D
Acq: 24 Apr 2019 04:15

Tgt Ion:240 Resp: 307154
Ion Ratio Lower Upper
240 100
120 9.2 8.6 13.0
236 26.6 21.4 32.2



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: 79.631 ng

RT: 19.57 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BM020056.D

Acq: 24 Apr 2019 04:15

Instrument :

BNA_M

ClientSampled :

PB119150TB

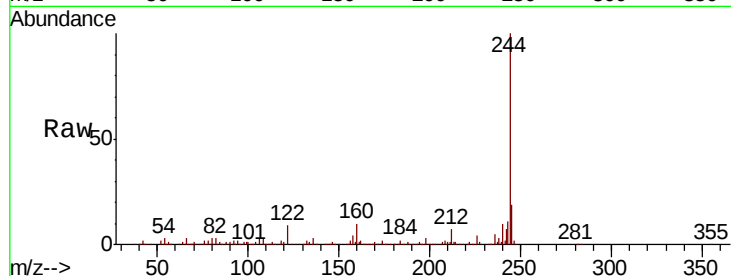
Tot Ion:244 Resp: 1386708

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

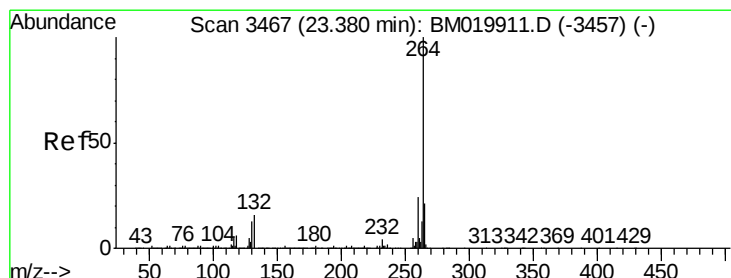
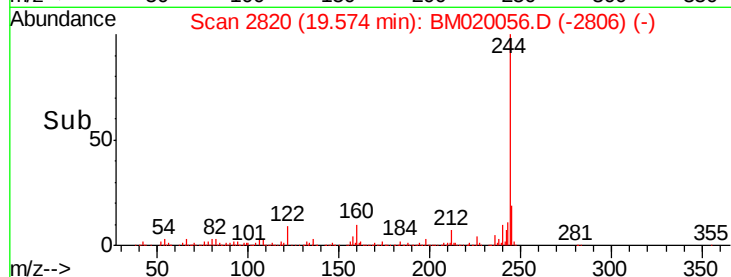
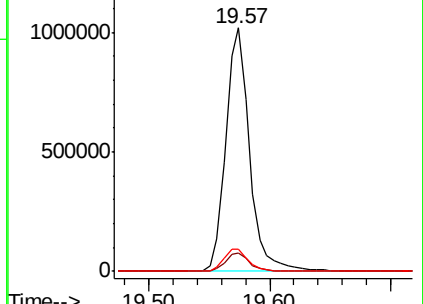
122 8.9 9.1 13.7#



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: 23.33 min Scan# 3459

Delta R.T. -0.02 min

Lab File: BM020056.D

Acq: 24 Apr 2019 04:15

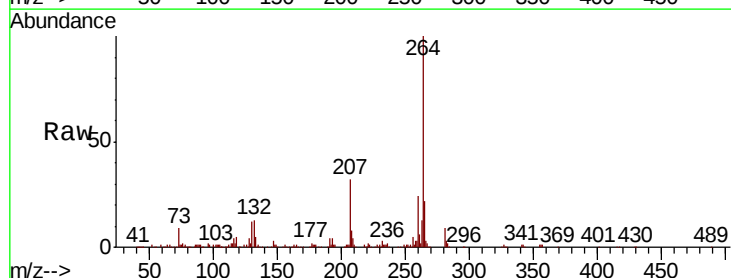
Tgt Ion:264 Resp: 395702

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.4 17.2 25.8



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

