

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
 Data File : BM020656.D
 Acq On : 01 Jun 2019 18:33
 Operator : HP/JU
 Sample : K3037-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW2-R1-2

Quant Time: Jun 03 02:36:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	288951	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1236316	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	728639	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	1664207	20.00	ng	0.00
76) Chrysene-d12	21.39	240	1427297	20.00	ng	-0.01
87) Perylene-d12	23.67	264	1375261	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	944393	57.49	ng	0.00
7) Phenol-d6	6.99	99	864003	35.72	ng	0.00
23) Nitrobenzene-d5	8.99	82	2111003	88.47	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	1106400	122.56	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	4620408	84.30	ng	0.00
79) Terphenyl-d14	19.84	244	7490551	87.78	ng	0.00

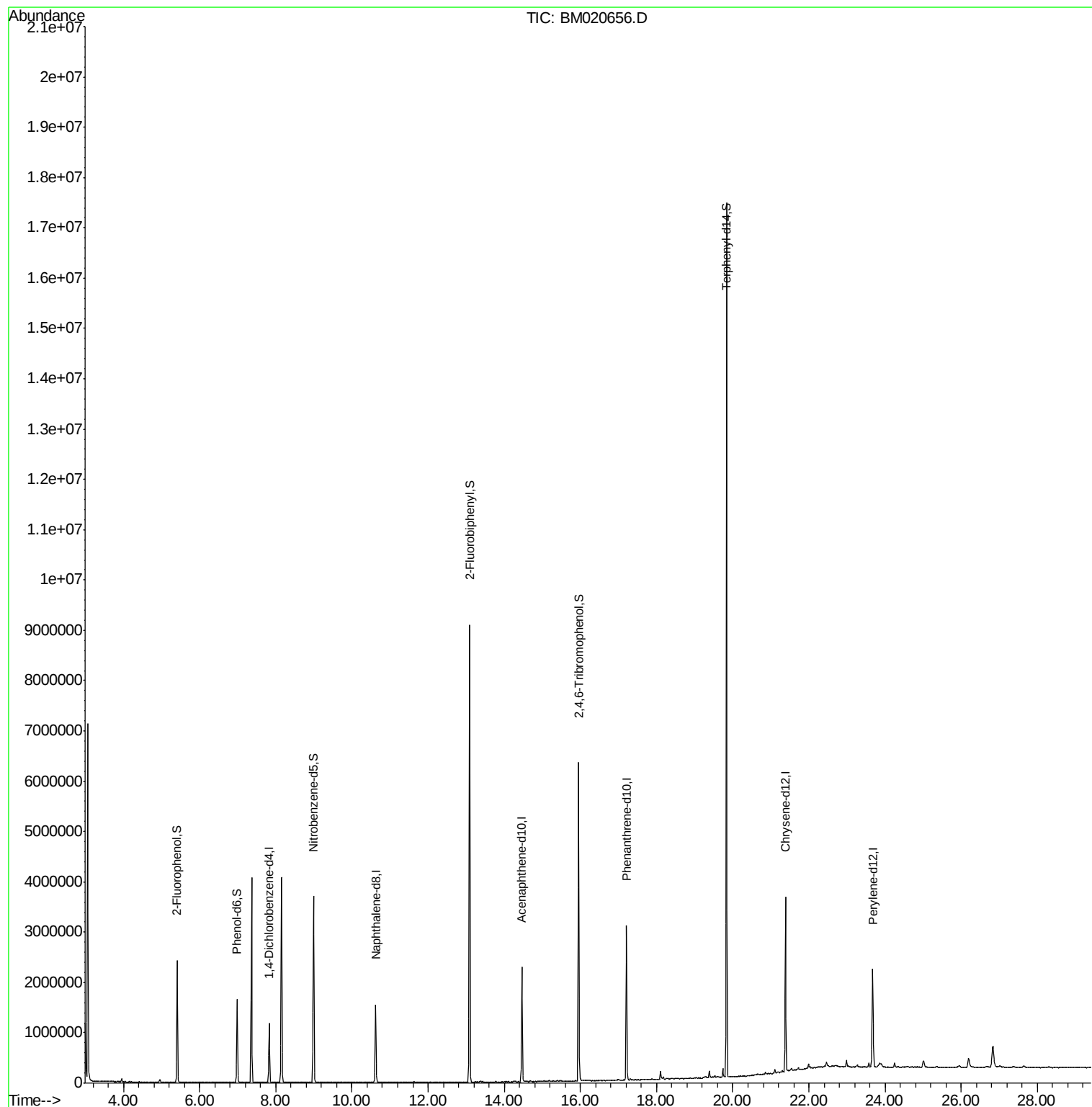
Target Compounds Qvalue

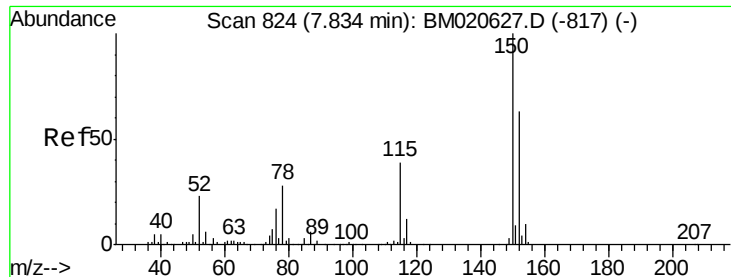
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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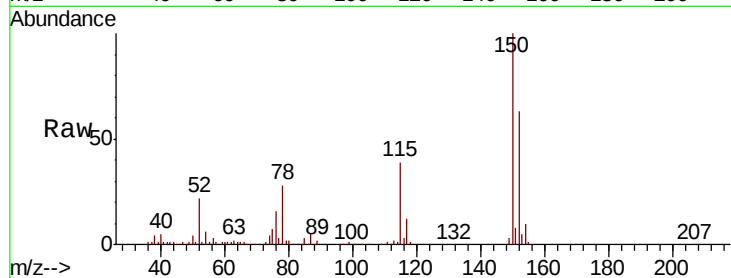


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020656.D
Acq: 01 Jun 2019 18:33

Instrument :
BNA_M
ClientSampleId :
MW2-R1-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.0	189.0
115	62.2	49.6	74.4

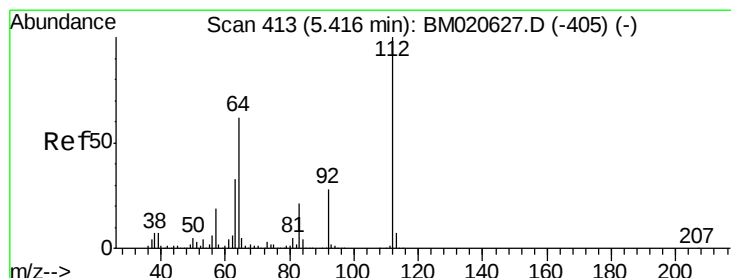
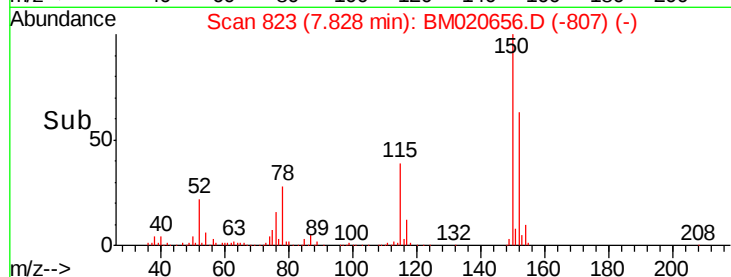
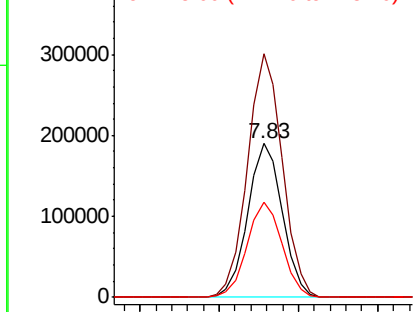


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

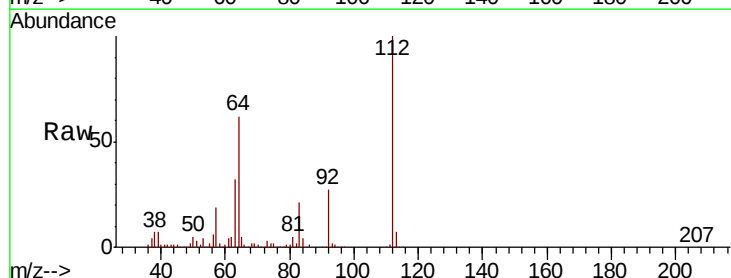
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 57.492 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020656.D
Acq: 01 Jun 2019 18:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	49.7	74.5
63	32.5	26.4	39.6

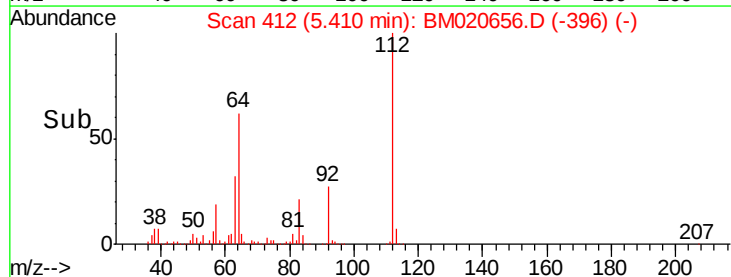
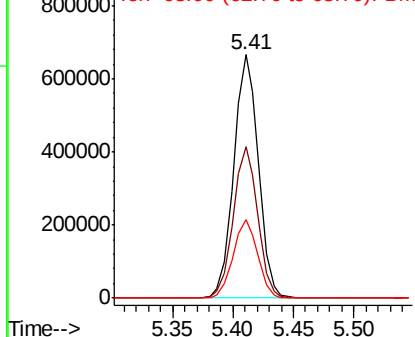


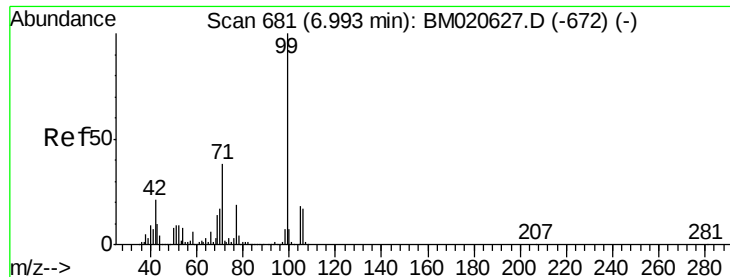
Abundance

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: 35.721 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM020656.D

Acq: 01 Jun 2019 18:33

Instrument :

BNA_M

ClientSampleId :

MW2-R1-2

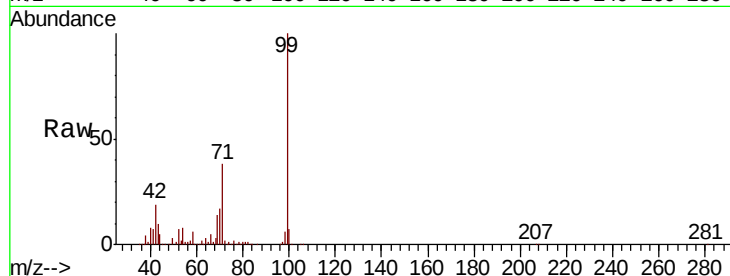
Tot Ion: 99 Resp: 864003

Ion Ratio Lower Upper

99 100

42 19.2 16.5 24.7

71 37.5 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020627.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM020627.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM020627.D (-672) (-)

6.99

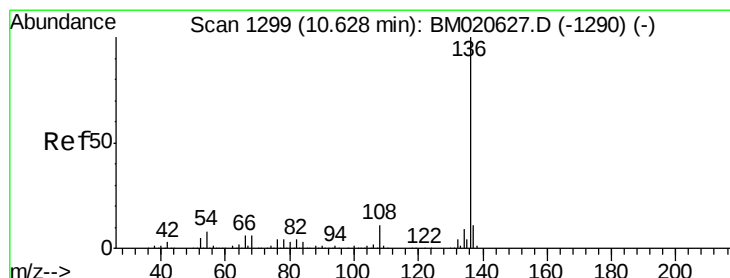
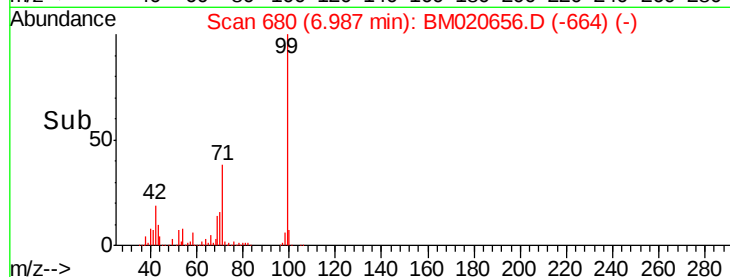
400000

200000

0

6.90 6.95 7.00 7.05 7.10

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM020656.D

Acq: 01 Jun 2019 18:33

Tgt Ion: 136 Resp: 1236316

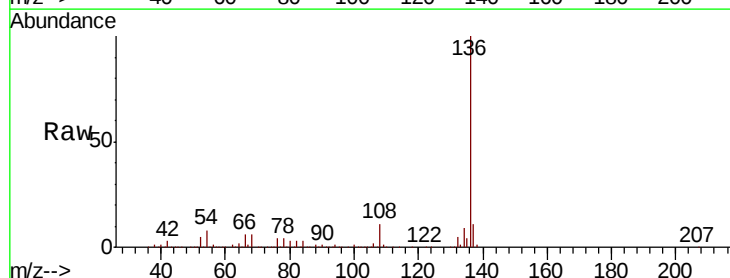
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.6 6.6 10.0

68 6.3 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): BM020627.D (-1290) (-)

Ion 137.00 (136.70 to 137.70): BM020627.D (-1290) (-)

Ion 54.00 (53.70 to 54.70): BM020627.D (-1290) (-)

Ion 68.00 (67.70 to 68.70): BM020627.D (-1290) (-)

10.62

800000

600000

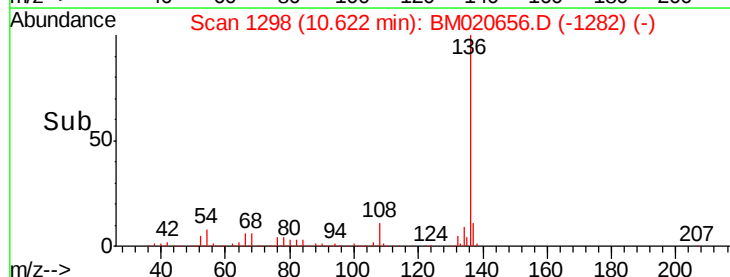
400000

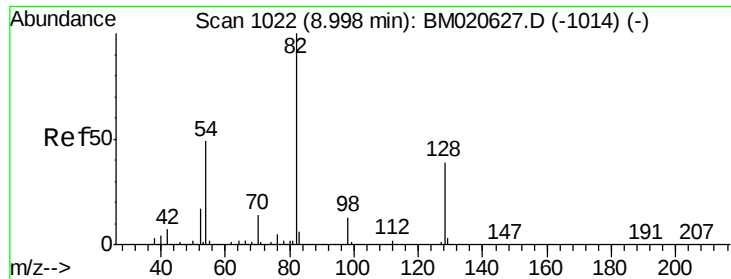
200000

0

10.60 10.65 10.70

Time-->

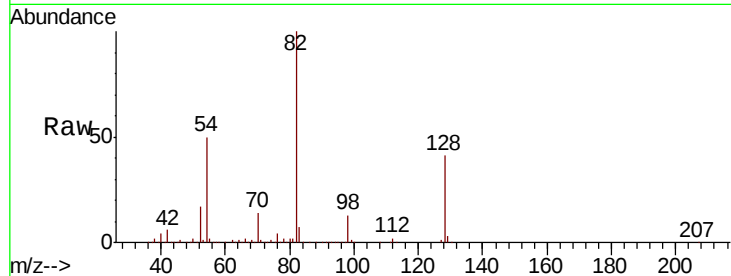




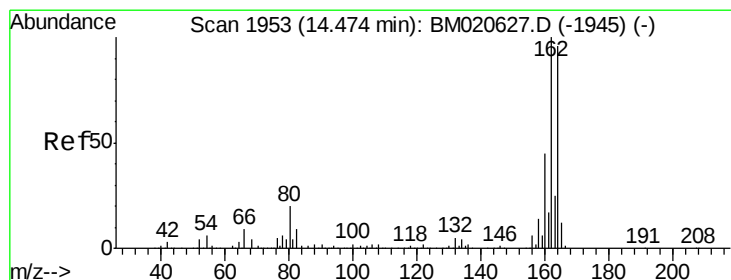
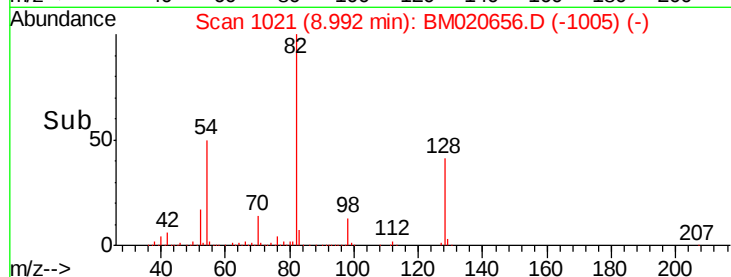
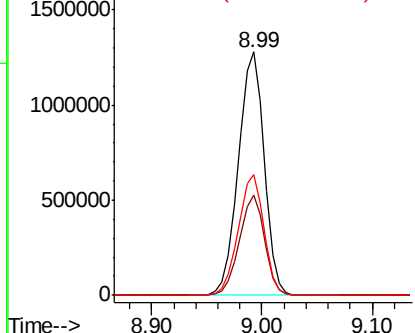
#23
Nitrobenzene-d5
Concen: 88.468 ng
RT: 8.99 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BM020656.D
Acq: 01 Jun 2019 18:33

Instrument :
BNA_M
ClientSampleId :
MW2-R1-2

Tot Ion: 82 Resp: 2111003
Ion Ratio Lower Upper
82 100
128 41.0 31.5 47.3
54 49.5 39.4 59.0

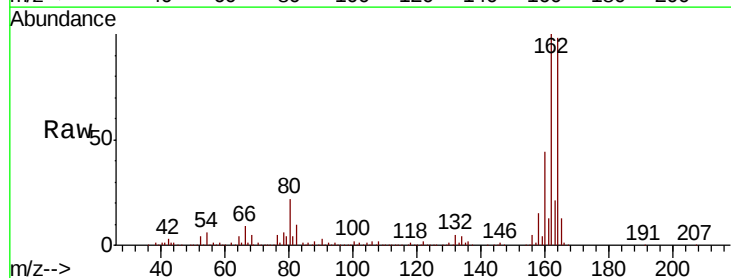


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0

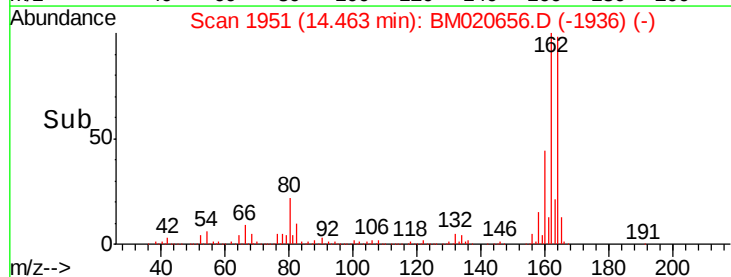
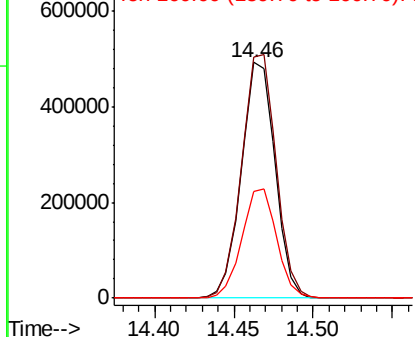


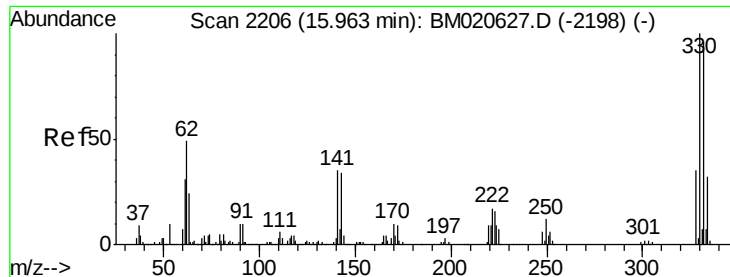
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM020656.D
Acq: 01 Jun 2019 18:33

Tgt Ion:164 Resp: 728639
Ion Ratio Lower Upper
164 100
162 102.5 83.2 124.8
160 45.3 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 122.555 ng

RT: 15.96 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BM020656.D

Acq: 01 Jun 2019 18:33

Instrument :

BNA_M

ClientSampleId :

MW2-R1-2

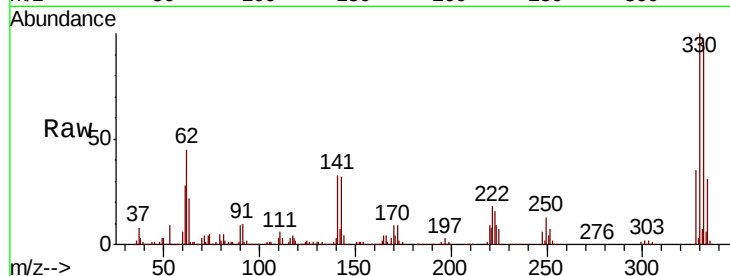
Tot Ion:330 Resp: 1106400

Ion Ratio Lower Upper

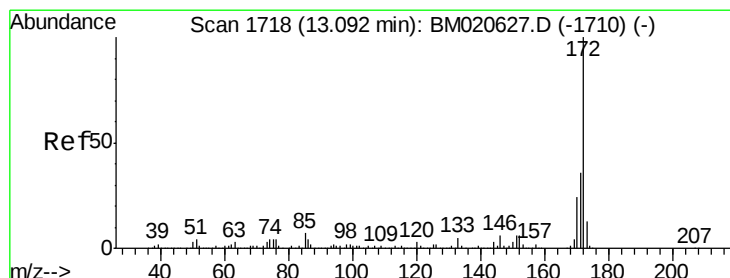
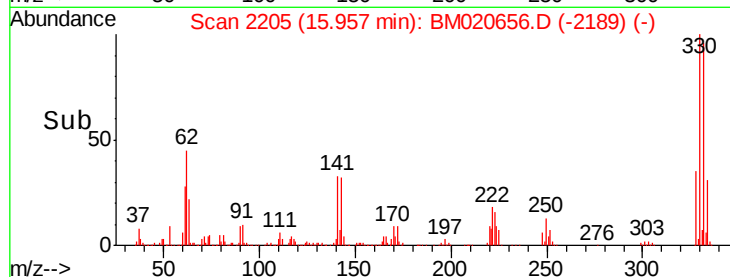
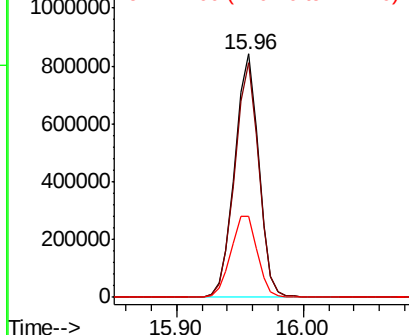
330 100

332 96.1 77.4 116.0

141 36.8 30.4 45.6



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: 84.302 ng

RT: 13.09 min Scan# 1718

Delta R.T. 0.00 min

Lab File: BM020656.D

Acq: 01 Jun 2019 18:33

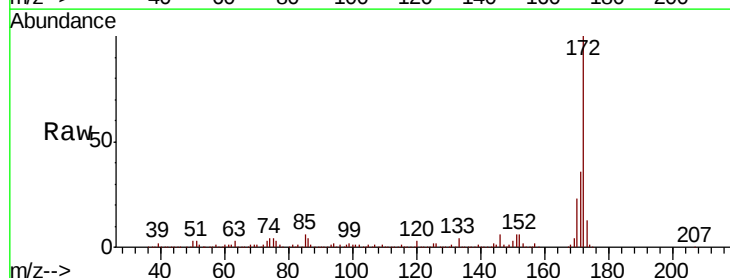
Tgt Ion:172 Resp: 4620408

Ion Ratio Lower Upper

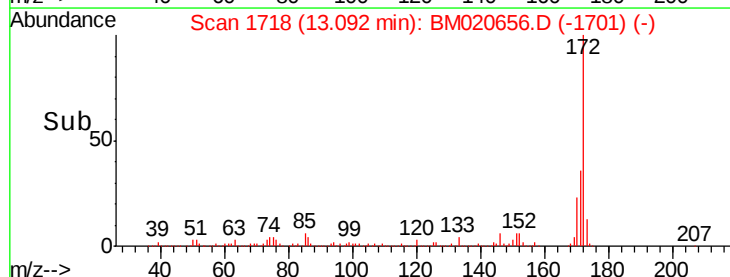
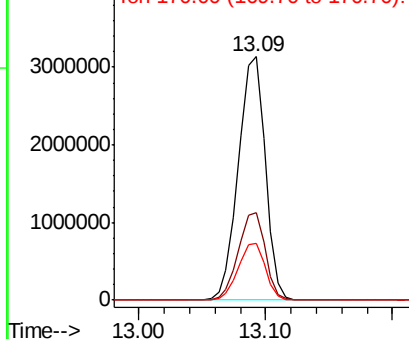
172 100

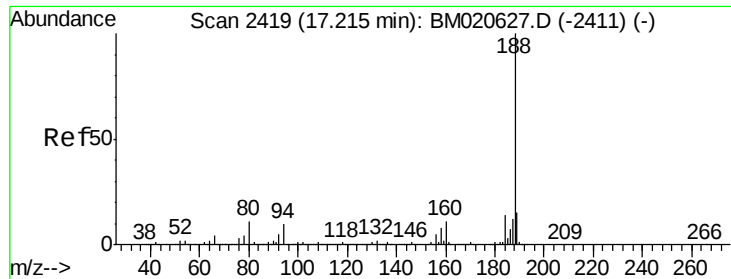
171 35.7 28.6 43.0

170 23.2 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: 17.21 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BM020656.D

Acq: 01 Jun 2019 18:33

Instrument :

BNA_M

ClientSampleId :

MW2-R1-2

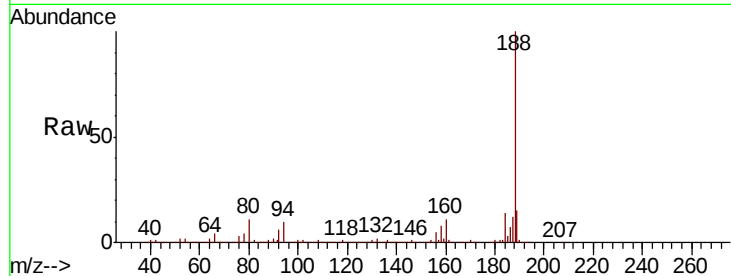
Tot Ion:188 Resp: 1664207

Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.8

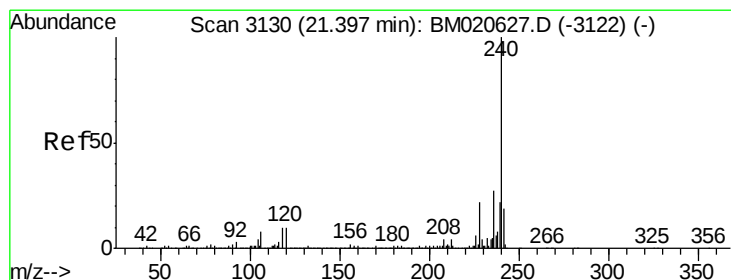
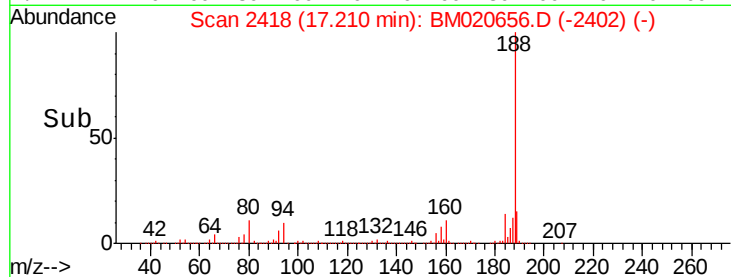
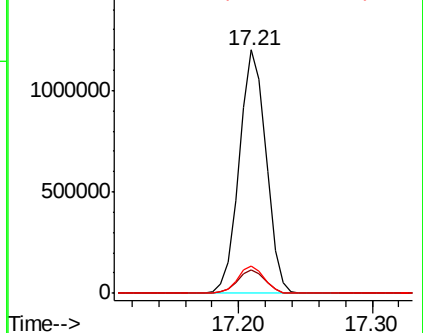
80 11.4 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.39 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM020656.D

Acq: 01 Jun 2019 18:33

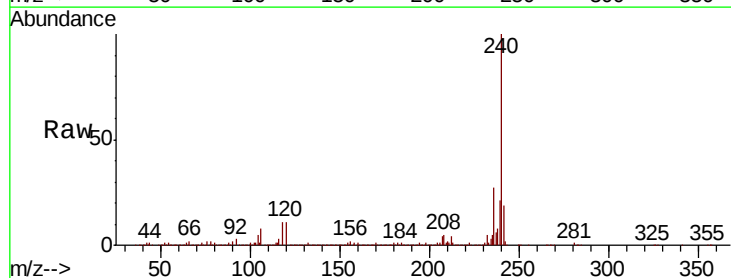
Tgt Ion:240 Resp: 1427297

Ion Ratio Lower Upper

240 100

120 11.3 8.2 12.2

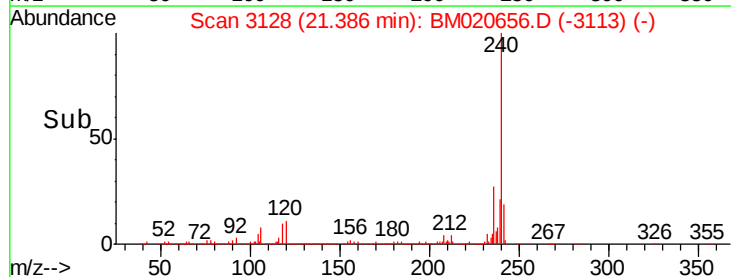
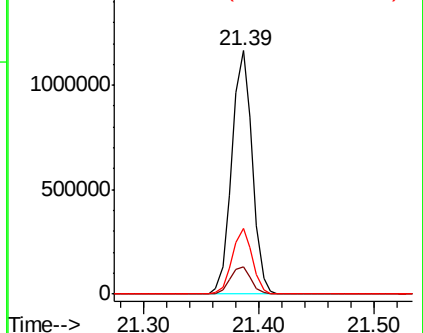
236 26.8 21.2 31.8

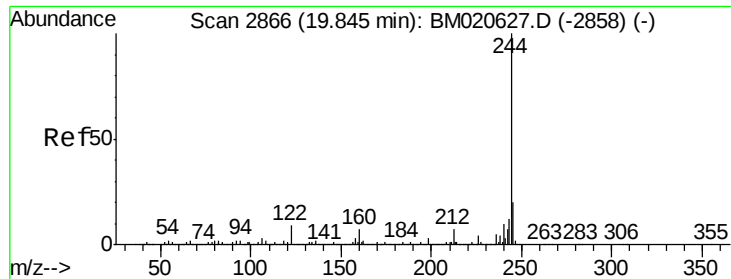


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.782 ng

RT: 19.84 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BM020656.D

Acq: 01 Jun 2019 18:33

Instrument :

BNA_M

ClientSampleId :

MW2-R1-2

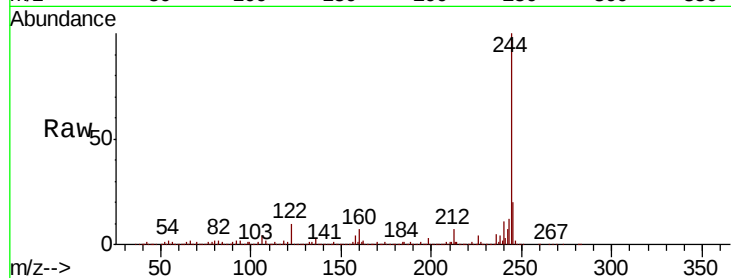
Tot Ion:244 Resp: 7490551

Ion Ratio Lower Upper

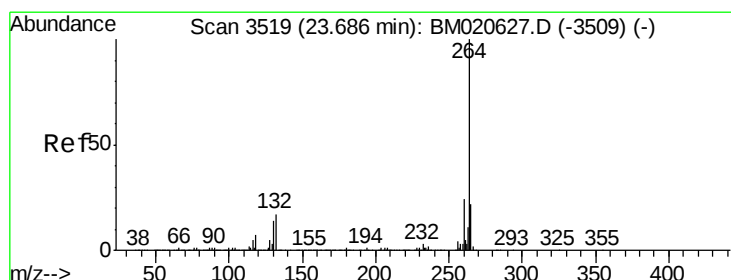
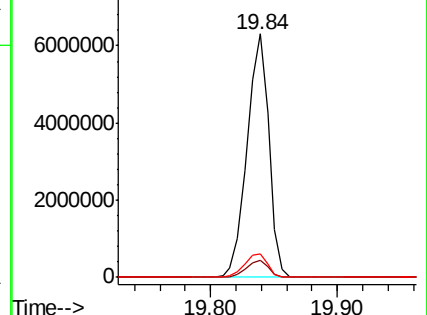
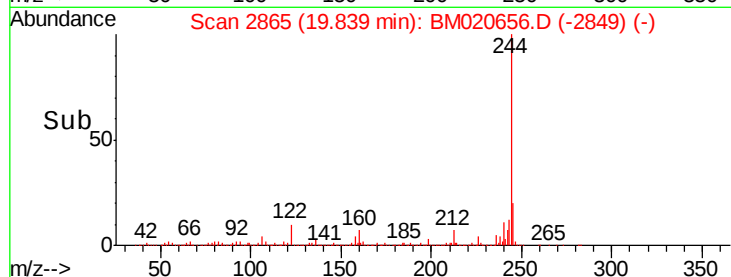
244 100

212 7.2 5.7 8.5

122 9.8 7.2 10.8



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: 23.67 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BM020656.D

Acq: 01 Jun 2019 18:33

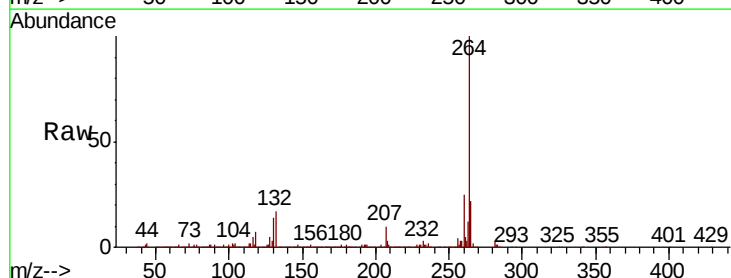
Tgt Ion:264 Resp: 1375261

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.9 17.6 26.4



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

