

Data File : BM010956.D
Acq On : 22 Jul 2017 03:23
Operator : SJ/JU
Sample : I4358-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-05-072017

Quant Time: Jul 22 04:03:04 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	225989	20.00	ng	-0.03
21) Naphthalene-d8	10.18	136	878692	20.00	ng	-0.03
38) Acenaphthene-d10	14.07	164	229059	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	1147826	20.00	ng	-0.02
75) Chrysene-d12	21.05	240	371797	20.00	ng	-0.02
86) Perylene-d12	23.17	264	11635	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	1685437	123.54	ng	-0.02
7) Phenol-d6	6.62	99	1143125	60.78	ng	-0.02
23) Nitrobenzene-d5	8.57	82	2036951	89.10	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1301402	371.78	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	3991209	216.76	ng	-0.02
78) Terphenyl-d14	19.49	244	4442240	231.09	ng	-0.02
Target Compounds						
89) Benzo(a)pyrene	23.10	252	1905	2.83	ng	Qvalue # 35

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

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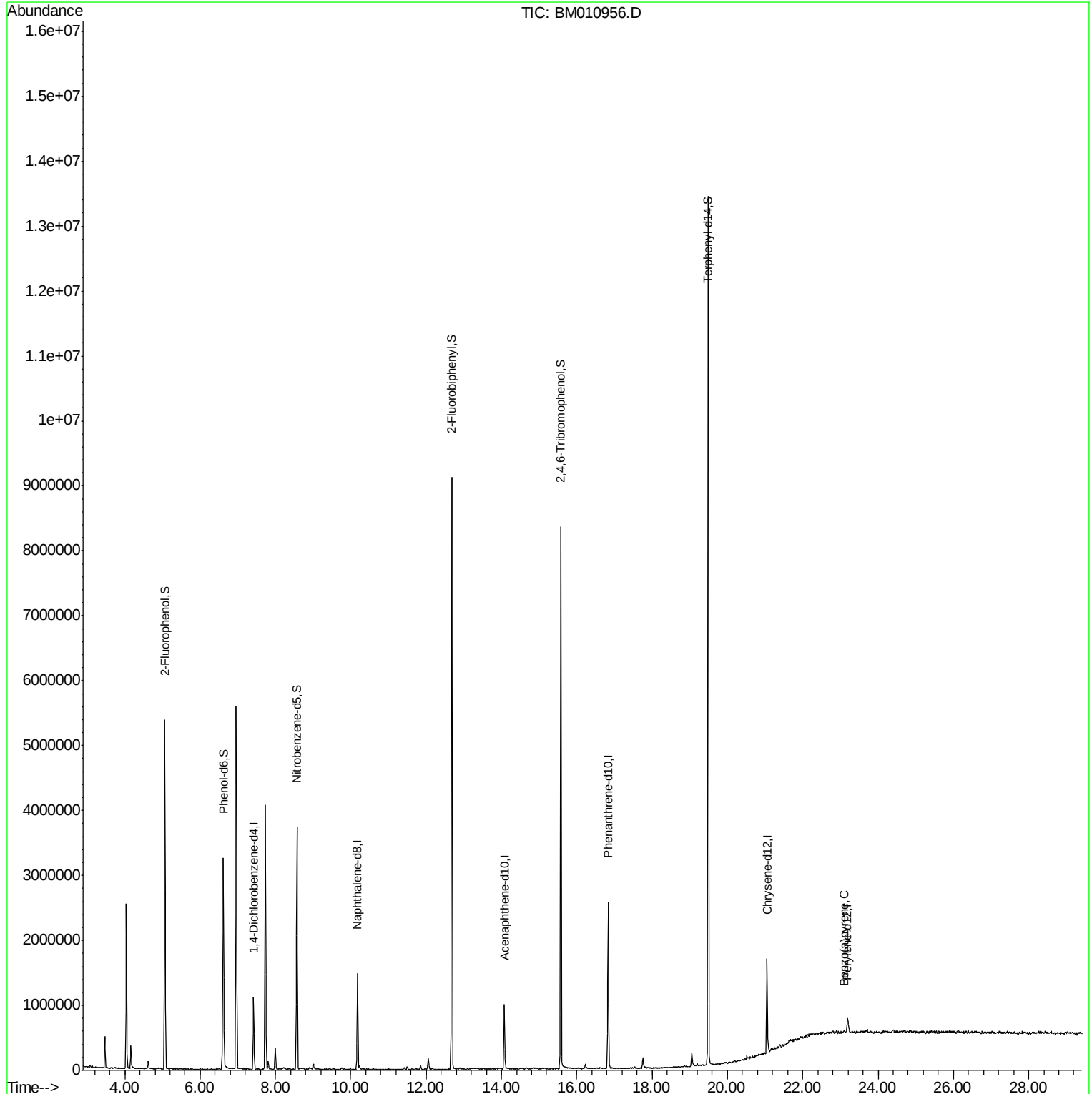
Quant Time: Jul 22 04:03:04 2017

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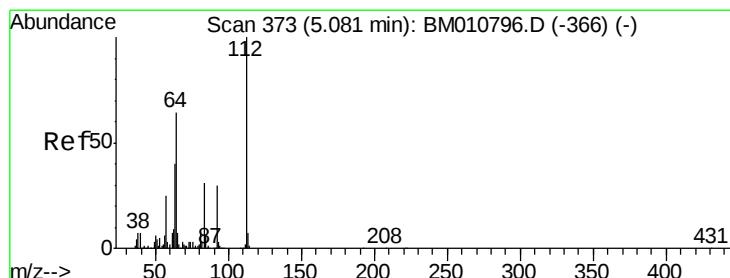
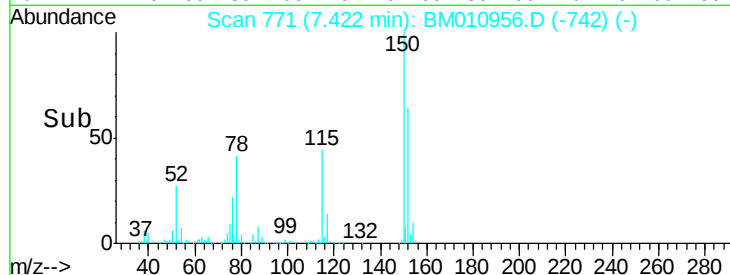
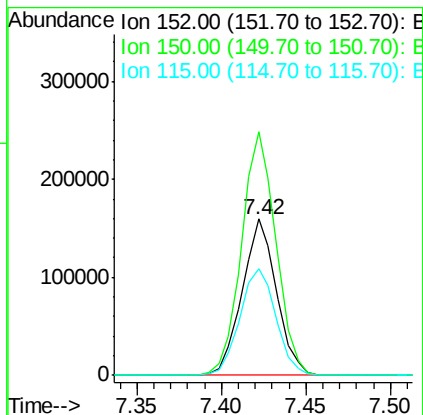
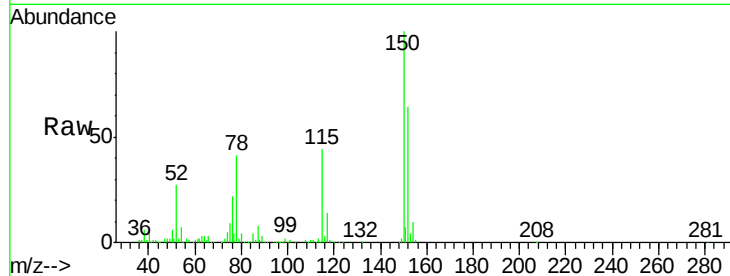


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.03 min
Lab File: BM010956.D
Acq: 22 Jul 2017 03:23

Instrument :
BNA_M
ClientSampleId :
TR-05-072017

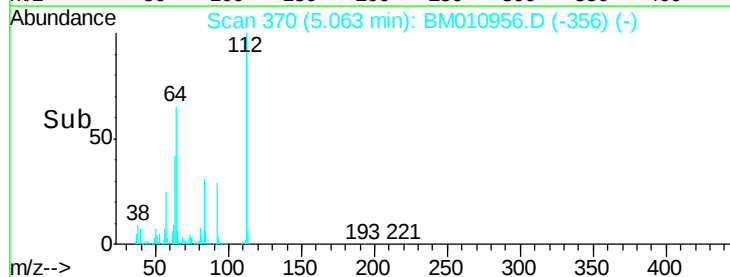
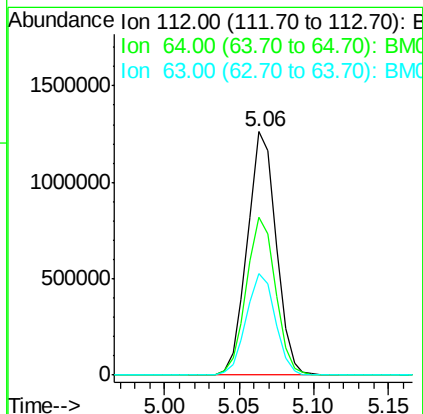
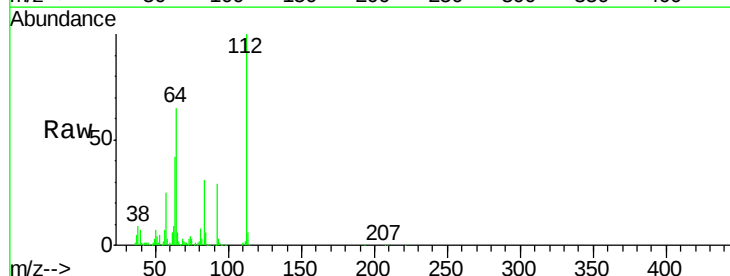
Tgt Ion:152 Resp: 225989
Ion Ratio Lower Upper
152 100
150 155.8 119.5 179.3
115 68.4 43.0 64.4#

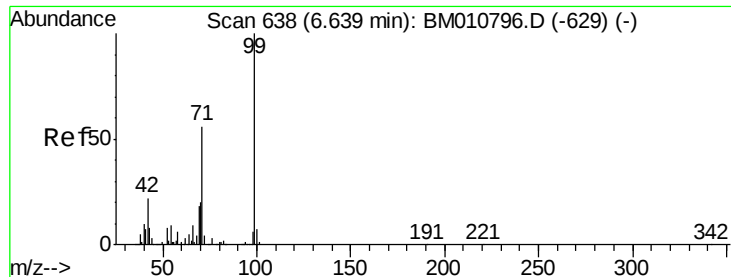


#5

2-Fluorophenol
Concen: 123.54 ng
RT: 5.06 min Scan# 370
Delta R.T. -0.02 min
Lab File: BM010956.D
Acq: 22 Jul 2017 03:23

Tgt Ion:112 Resp: 1685437
Ion Ratio Lower Upper
112 100
64 65.0 38.6 57.8#
63 41.5 19.3 28.9#





#7

Phenol-d6

Concen: 60.78 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM010956.D

Acq: 22 Jul 2017 03:23

Instrument :

BNA_M

ClientSampleId :

TR-05-072017

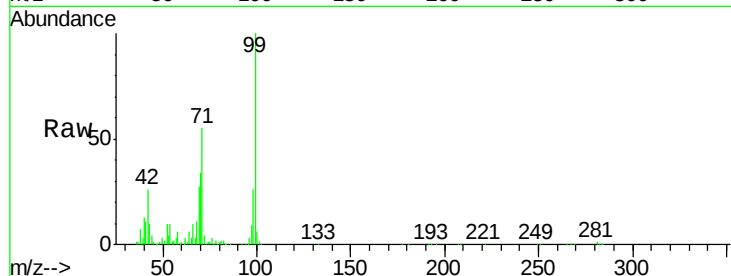
Tgt Ion: 99 Resp: 1143125

Ion Ratio Lower Upper

99 100

42 25.8 11.0 16.4#

71 54.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010956.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM010956.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM010956.D (-629) (-)

6.62

800000

600000

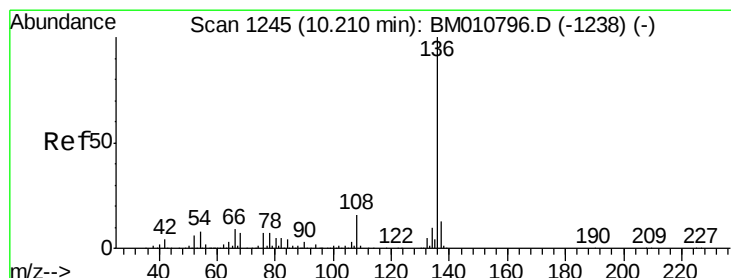
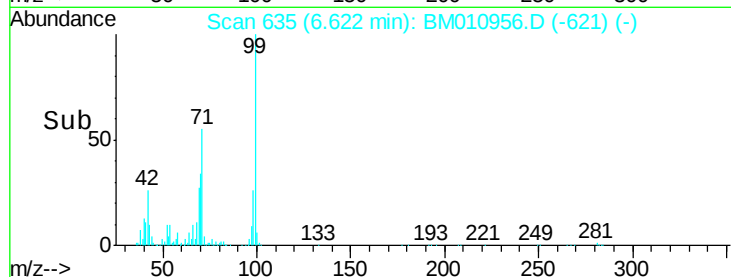
400000

200000

0

6.55 6.60 6.65 6.70

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.18 min Scan# 1240

Delta R.T. -0.03 min

Lab File: BM010956.D

Acq: 22 Jul 2017 03:23

Tgt Ion: 136 Resp: 878692

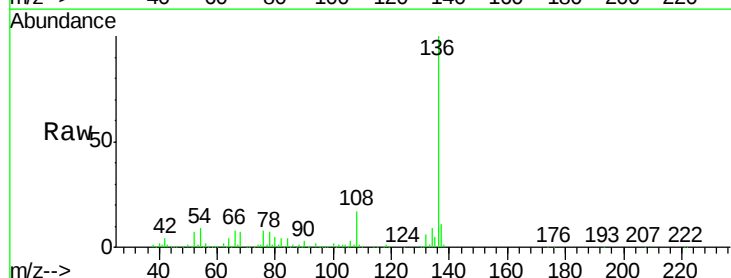
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.8 4.6 6.8#

68 6.7 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM010956.D (-1228) (-)

Ion 137.00 (136.70 to 137.70): BM010956.D (-1228) (-)

Ion 54.00 (53.70 to 54.70): BM010956.D (-1228) (-)

Ion 68.00 (67.70 to 68.70): BM010956.D (-1228) (-)

10.18

800000

600000

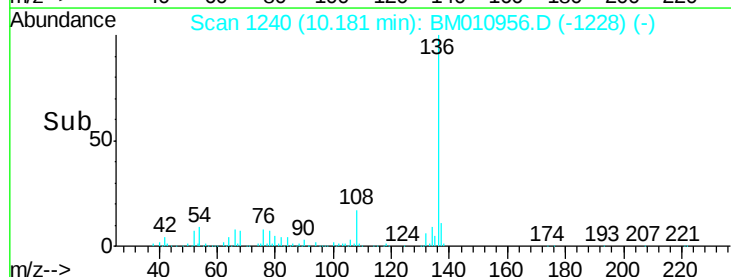
400000

200000

0

10.10 10.20

Time-->





#23

Nitrobenzene-d5

Concen: 89.10 ng

RT: 8.57 min Scan# 966

Delta R.T. -0.02 min

Lab File: BM010956.D

Acq: 22 Jul 2017 03:23

Instrument :

BNA_M

ClientSampleId :

TR-05-072017

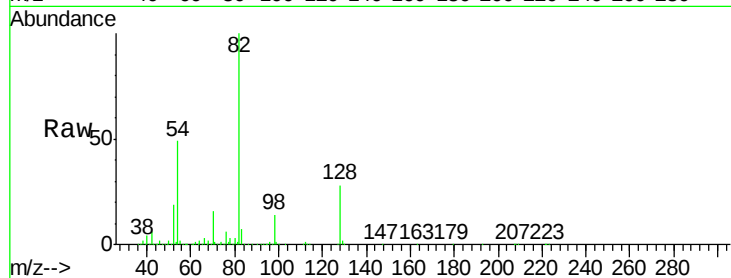
Tgt Ion: 82 Resp: 2036951

Ion Ratio Lower Upper

82 100

128 27.6 32.8 49.2#

54 49.1 40.6 60.8

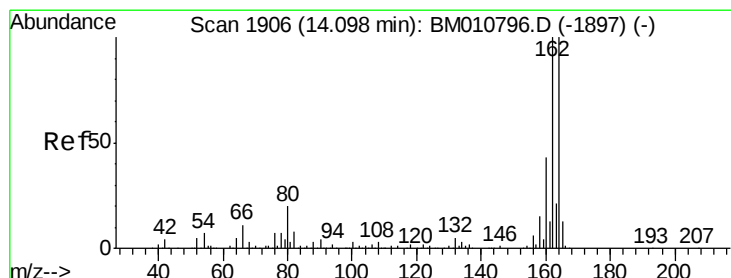
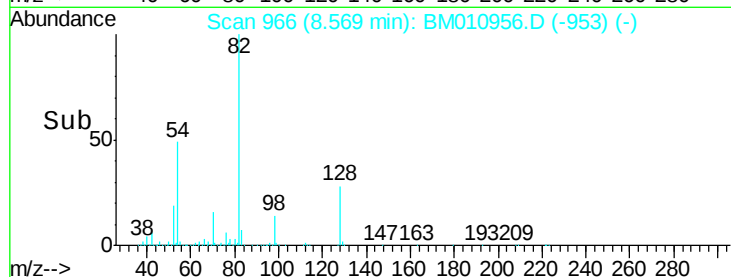


Abundance Ion 82.00 (81.70 to 82.70): BM010796.D (-963) (-)

Ion 128.00 (127.70 to 128.70): BM010796.D (-963) (-)

Ion 54.00 (53.70 to 54.70): BM010796.D (-963) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.07 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BM010956.D

Acq: 22 Jul 2017 03:23

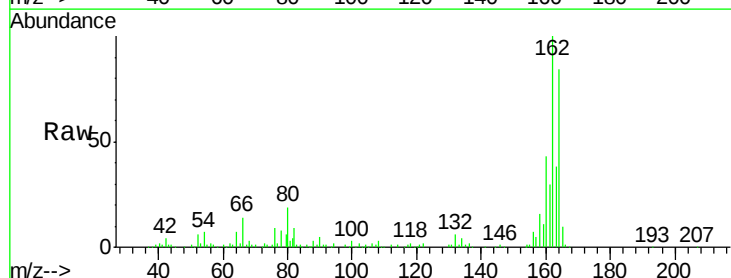
Tgt Ion: 164 Resp: 229059

Ion Ratio Lower Upper

164 100

162 118.7 82.4 123.6

160 51.1 35.8 53.6

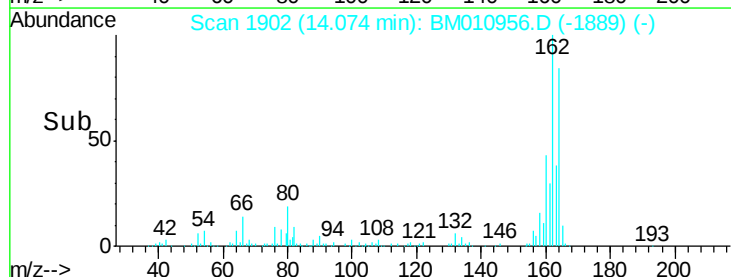


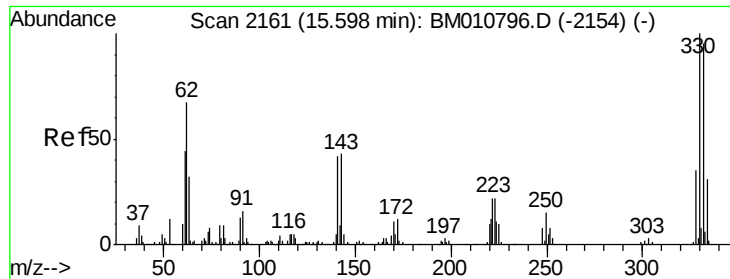
Abundance Ion 164.00 (163.70 to 164.70): BM010796.D (-1897) (-)

Ion 162.00 (161.70 to 162.70): BM010796.D (-1897) (-)

Ion 160.00 (159.70 to 160.70): BM010796.D (-1897) (-)

Time-->

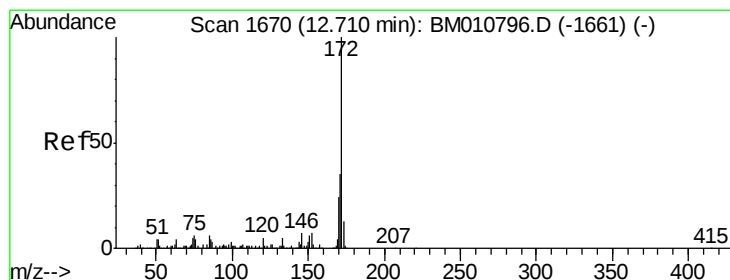
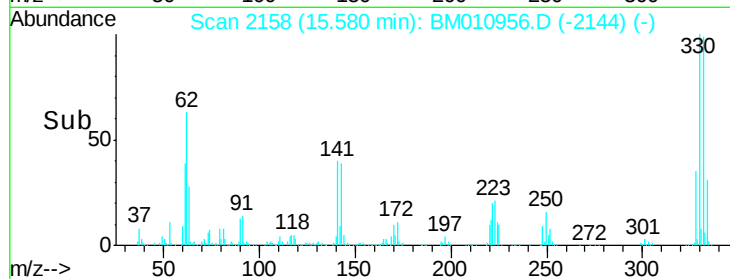
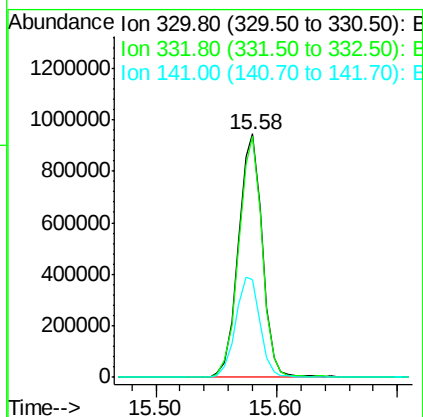
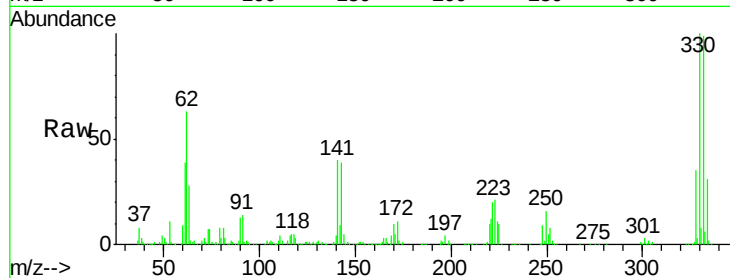




#41
 2,4,6-Tribromophenol
 Concen: 371.78 ng
 RT: 15.58 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BM010956.D
 Acq: 22 Jul 2017 03:23

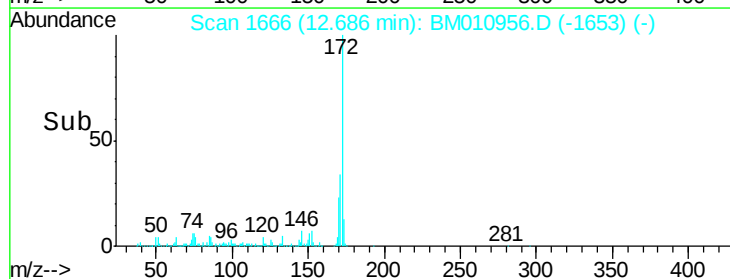
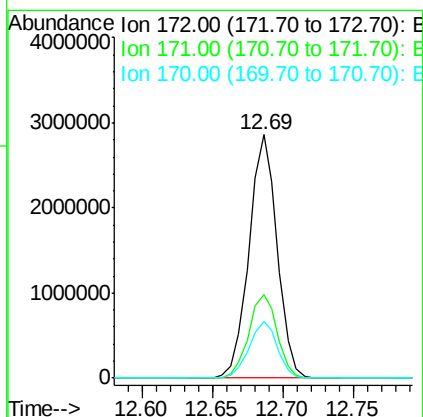
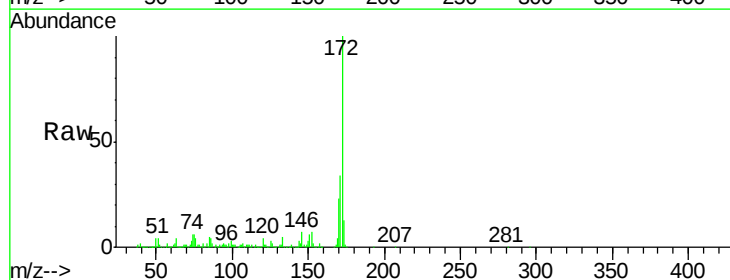
Instrument :
 BNA_M
 ClientSampleId :
 TR-05-072017

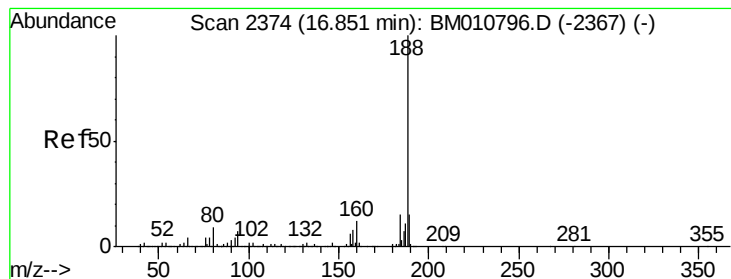
Tgt Ion:330 Resp: 1301402
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 42.3 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 216.76 ng
 RT: 12.69 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM010956.D
 Acq: 22 Jul 2017 03:23

Tgt Ion:172 Resp: 3991209
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.5 42.7
 170 23.4 18.8 28.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.83 min Scan# 2371

Delta R.T. -0.02 min

Lab File: BM010956.D

Acq: 22 Jul 2017 03:23

Instrument :

BNA_M

ClientSampleId :

TR-05-072017

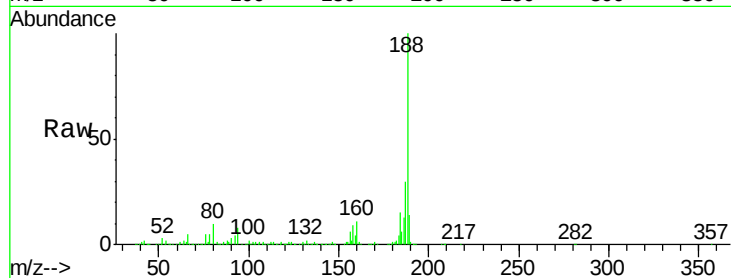
Tgt Ion:188 Resp: 1147826

Ion Ratio Lower Upper

188 100

94 7.8 8.7 13.1#

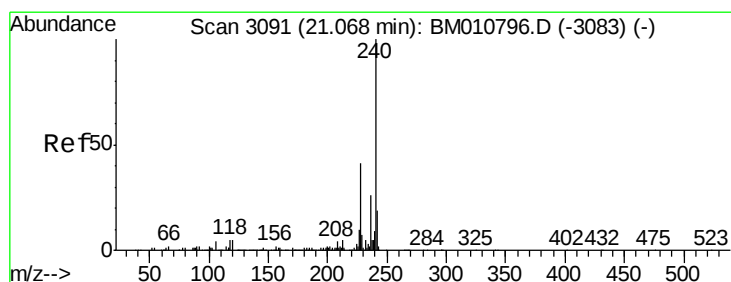
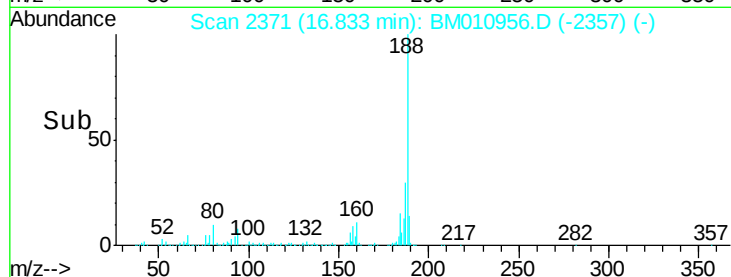
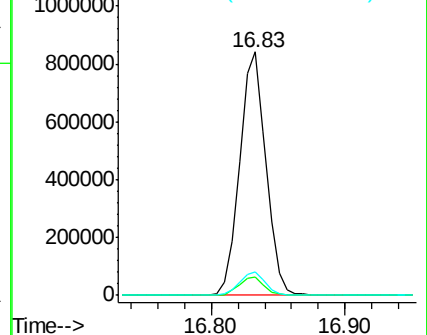
80 9.7 9.3 13.9



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.05 min Scan# 3088

Delta R.T. -0.02 min

Lab File: BM010956.D

Acq: 22 Jul 2017 03:23

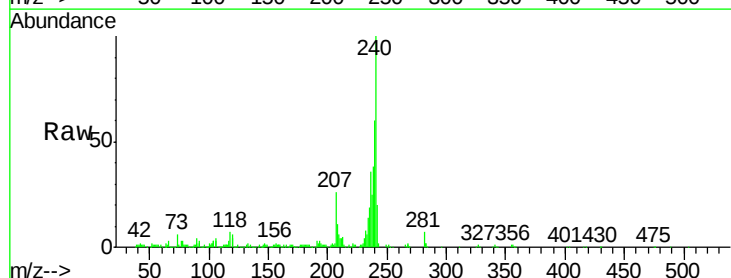
Tgt Ion:240 Resp: 371797

Ion Ratio Lower Upper

240 100

120 6.3 8.2 12.2#

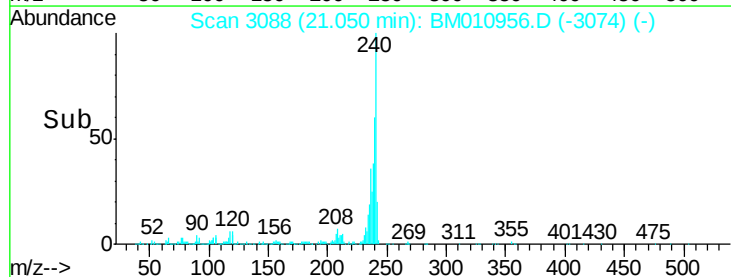
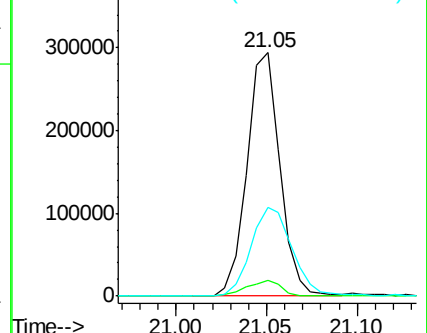
236 36.2 20.0 30.0#



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





#78

Terphenyl-d14

Concen: 231.09 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.02 min

Lab File: BM010956.D

Acq: 22 Jul 2017 03:23

Instrument :

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ClientSampleId :

TR-05-072017

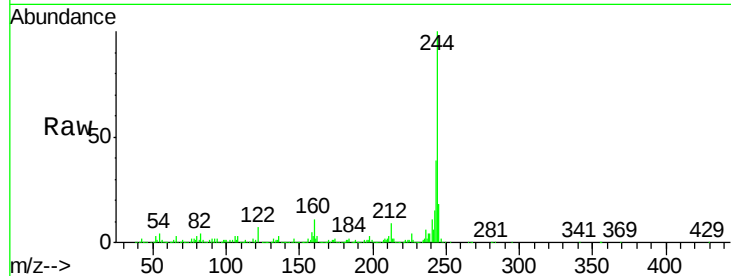
Tgt Ion:244 Resp: 4442240

Ion Ratio Lower Upper

244 100

212 9.0 4.9 7.3#

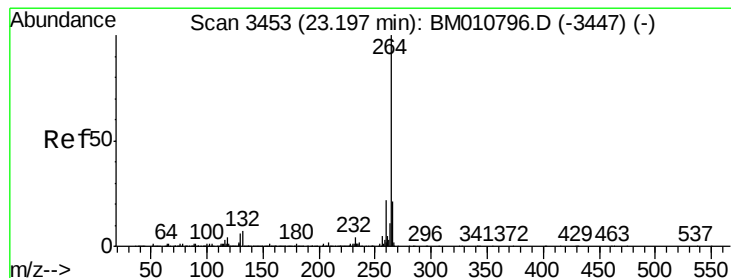
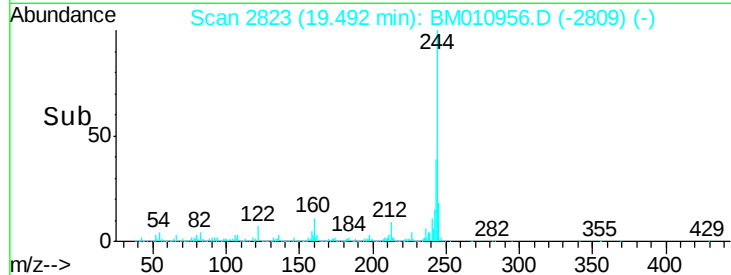
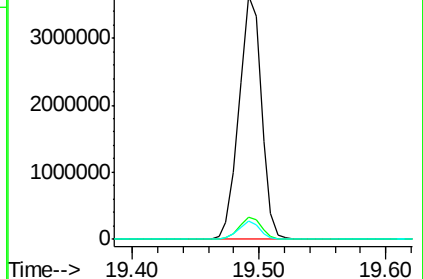
122 7.4 6.2 9.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.17 min Scan# 3449

Delta R.T. -0.02 min

Lab File: BM010956.D

Acq: 22 Jul 2017 03:23

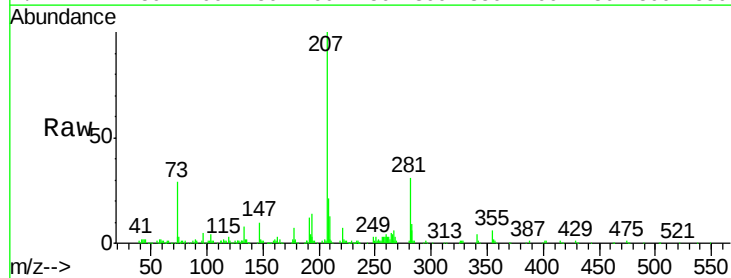
Tgt Ion:264 Resp: 11635

Ion Ratio Lower Upper

264 100

260 74.9 18.6 27.8#

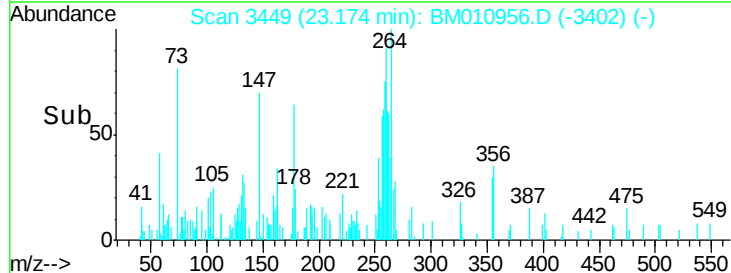
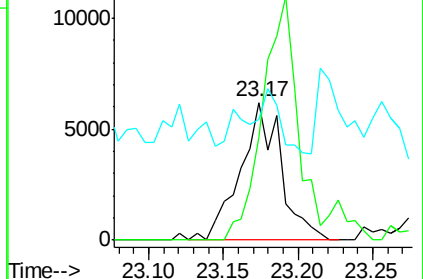
265 87.6 17.3 25.9#

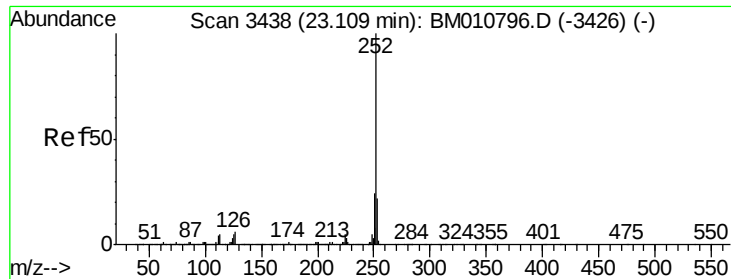


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 2.83 ng

RT: 23.10 min Scan# 3437

Delta R.T. -0.01 min

Lab File: BM010956.D

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ClientSampleId :

TR-05-072017

Tgt Ion: 252 Resp: 1905

Ion Ratio Lower Upper

252 100

253 57.6 17.6 26.4#

125 24.8 7.4 11.2#

