

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071317\
 Data File : BM010832.D
 Acq On : 14 Jul 2017 02:58
 Operator : SJ/JU
 Sample : I4166-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-4-5-6

Quant Time: Jul 14 04:18:58 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	7.45	152	179632	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	658834	20.00	ng	0.00
38) Acenaphthene-d10	14.09	164	358380	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1035018	20.00	ng	0.00
75) Chrysene-d12	21.06	240	988778	20.00	ng	0.00
86) Perylene-d12	23.19	264	225667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1412387	130.24	ng	0.00
7) Phenol-d6	6.64	99	1667846	111.56	ng	0.00
23) Nitrobenzene-d5	8.59	82	1565866	91.36	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	968225	176.79	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	3177861	110.31	ng	0.00
78) Terphenyl-d14	19.51	244	5324246	104.15	ng	0.00

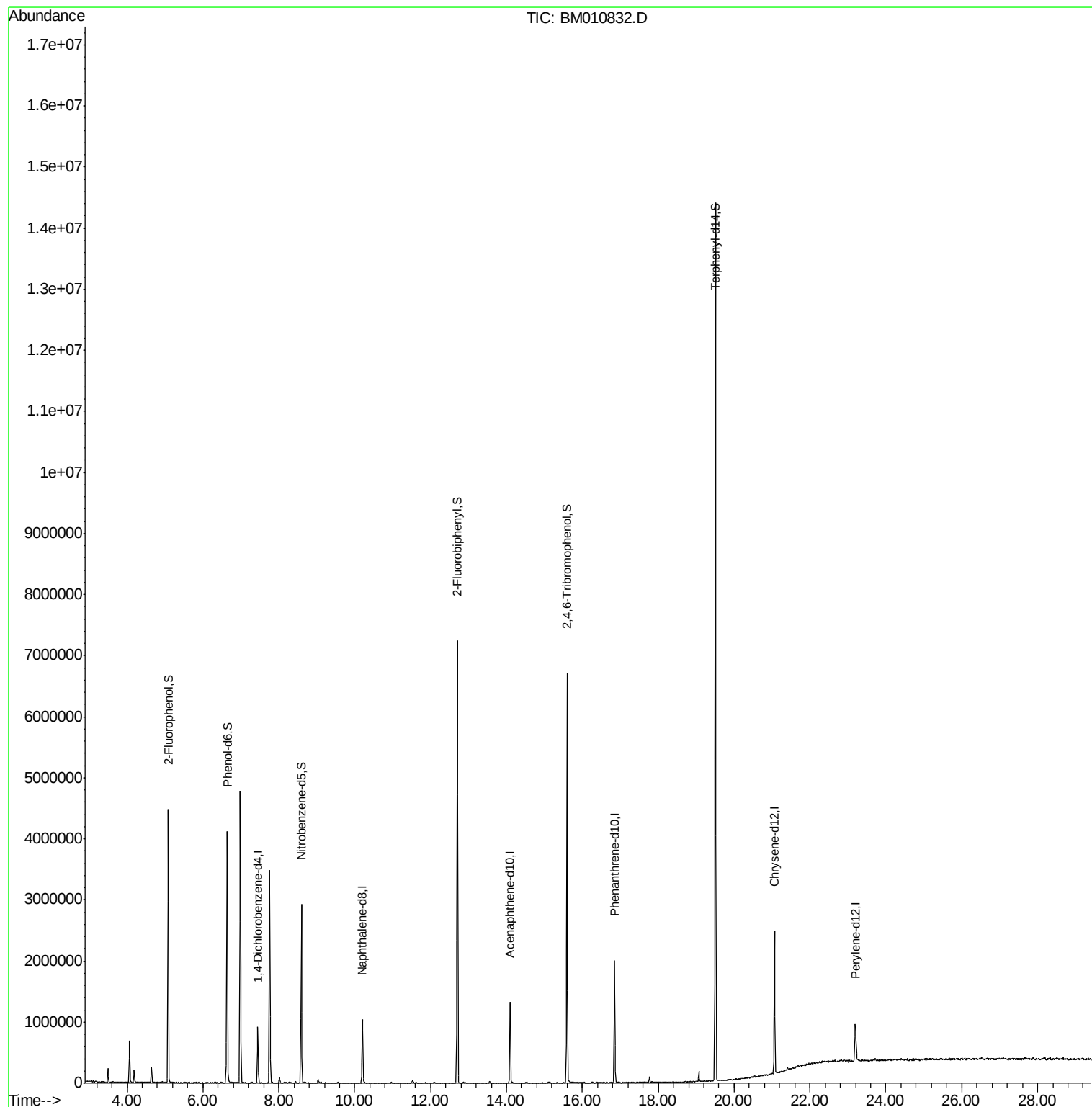
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.45 min Scan# 775

Delta R.T. -0.01 min

Lab File: BM010832.D

Acq: 14 Jul 2017 02:58

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BNA_M

ClientSampleId :

COMP-4-5-6

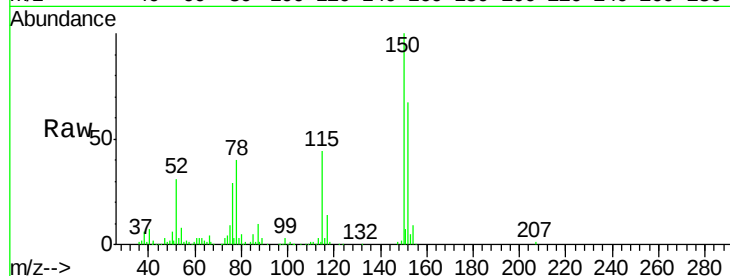
Tot Ion:152 Resp: 179632

Ion Ratio Lower Upper

152 100

150 148.3 119.5 179.3

115 65.6 43.0 64.4#



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

250000

200000

150000

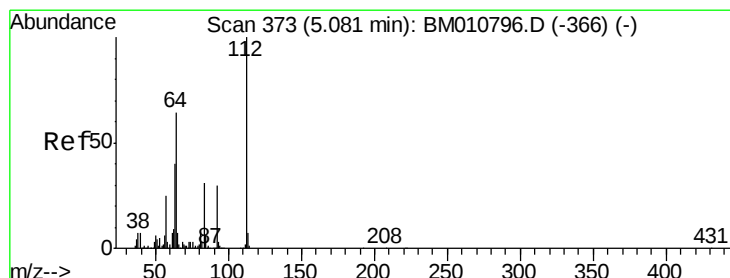
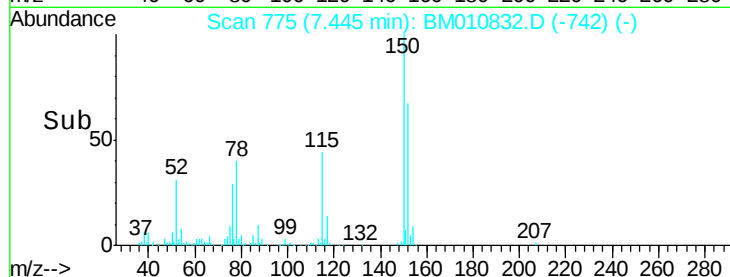
100000

50000

0

7.45

Time-->



#5

2-Fluorophenol

Concen: 130.24 ng

RT: 5.09 min Scan# 374

Delta R.T. 0.01 min

Lab File: BM010832.D

Acq: 14 Jul 2017 02:58

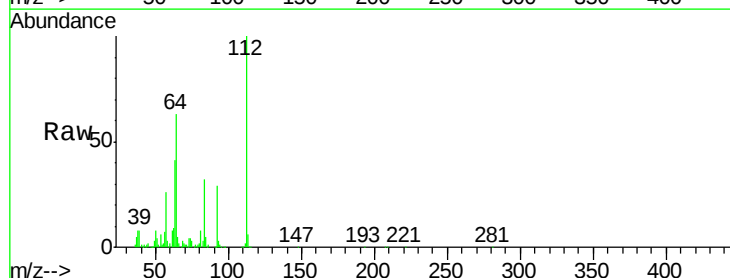
Tgt Ion:112 Resp: 1412387

Ion Ratio Lower Upper

112 100

64 63.1 38.6 57.8#

63 41.3 19.3 28.9#



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

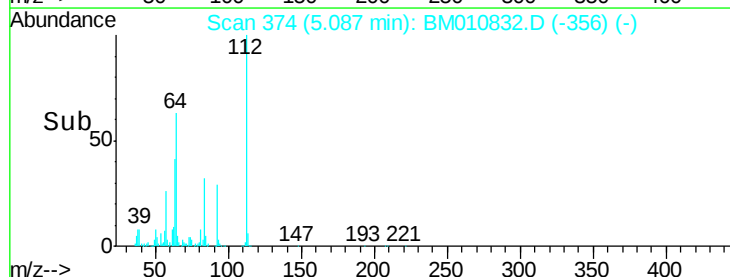
1000000

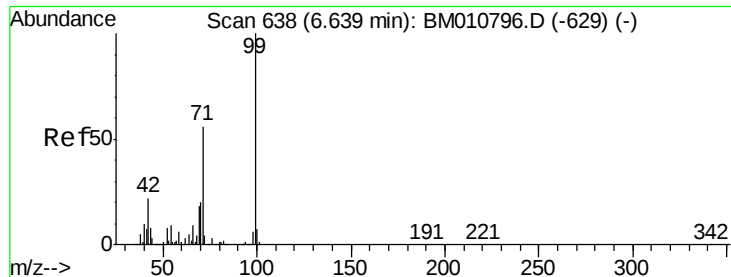
500000

0

5.09

Time-->





#7

Phenol-d6

Concen: 111.56 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010832.D

Acq: 14 Jul 2017 02:58

Instrument :

BNA_M

ClientSampleId :

COMP-4-5-6

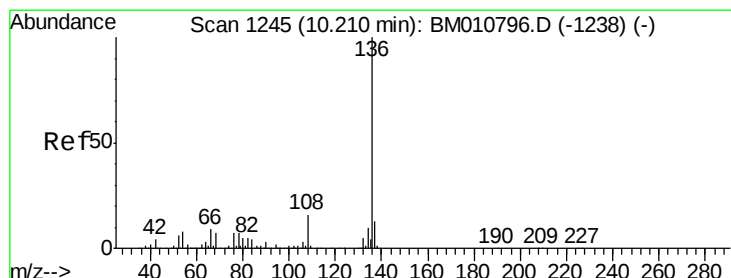
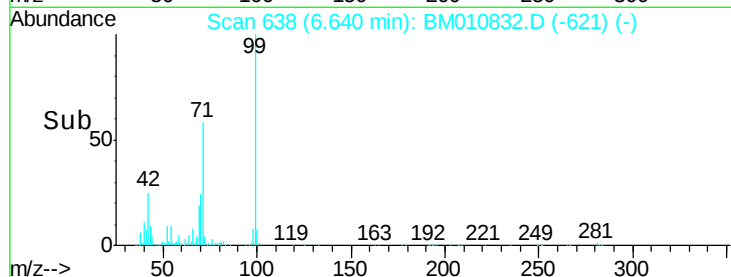
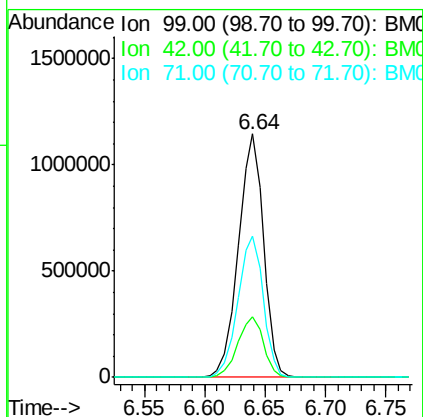
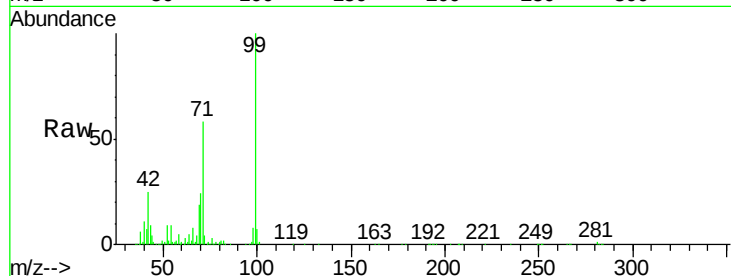
Tot Ion: 99 Resp: 1667846

Ion Ratio Lower Upper

99 100

42 24.7 11.0 16.4#

71 58.1 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM010832.D

Acq: 14 Jul 2017 02:58

Tgt Ion: 136 Resp: 658834

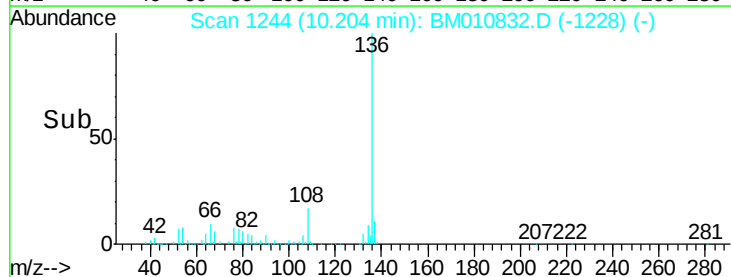
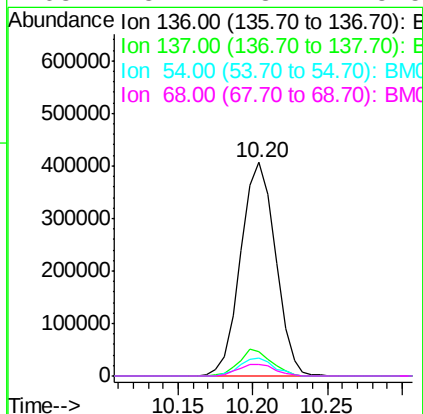
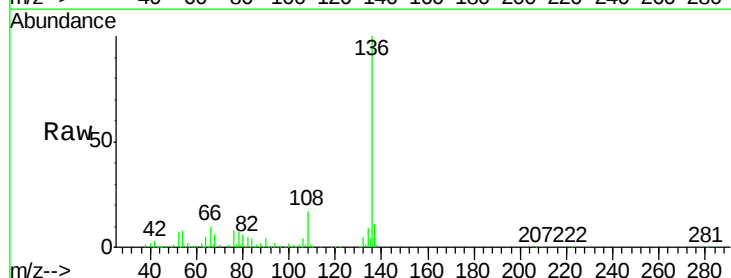
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 8.2 4.6 6.8#

68 5.7 3.7 5.5#

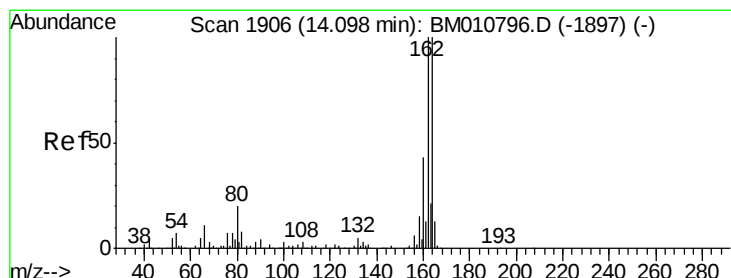
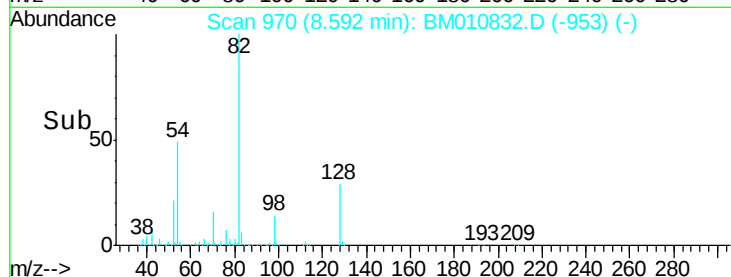
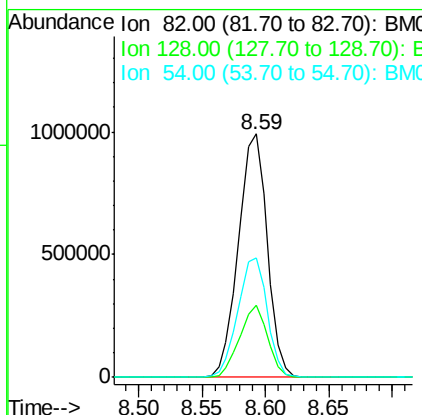
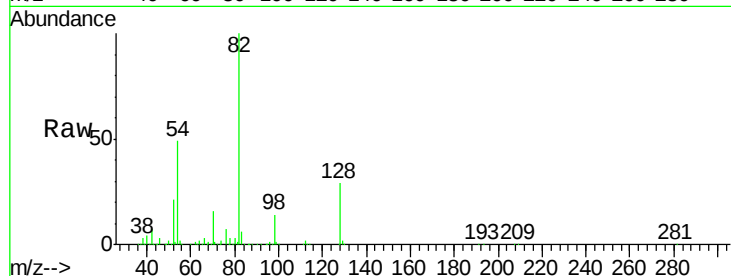




#23
 Nitrobenzene-d5
 Concen: 91.36 ng
 RT: 8.59 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BM010832.D
 Acq: 14 Jul 2017 02:58

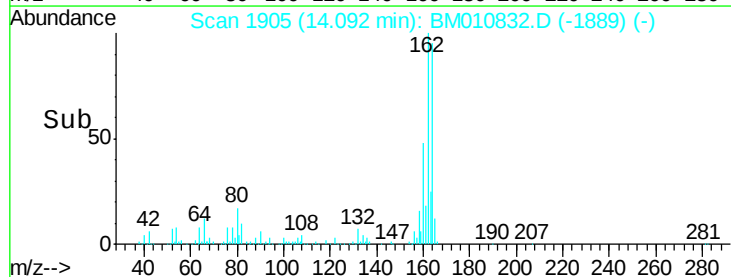
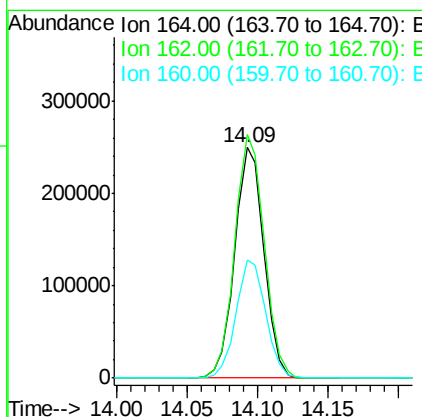
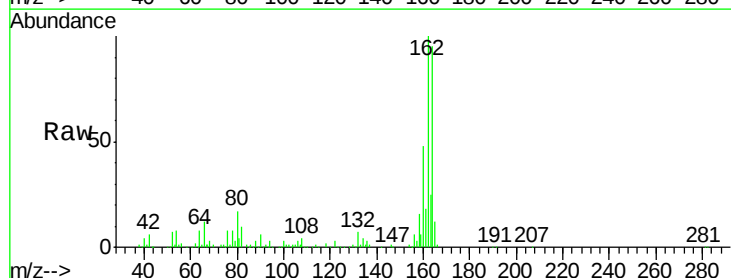
Instrument :
 BNA_M
 ClientSampleId :
 COMP-4-5-6

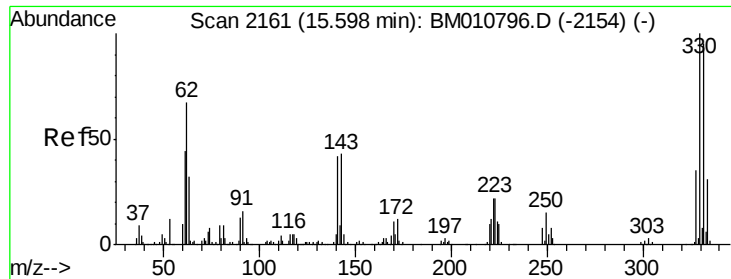
Tot Ion: 82 Resp: 1565866
 Ion Ratio Lower Upper
 82 100
 128 29.4 32.8 49.2#
 54 49.3 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM010832.D
 Acq: 14 Jul 2017 02:58

Tgt Ion: 164 Resp: 358380
 Ion Ratio Lower Upper
 164 100
 162 105.6 82.4 123.6
 160 51.1 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 176.79 ng

RT: 15.60 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BM010832.D

Acq: 14 Jul 2017 02:58

Instrument :

BNA_M

ClientSampleId :

COMP-4-5-6

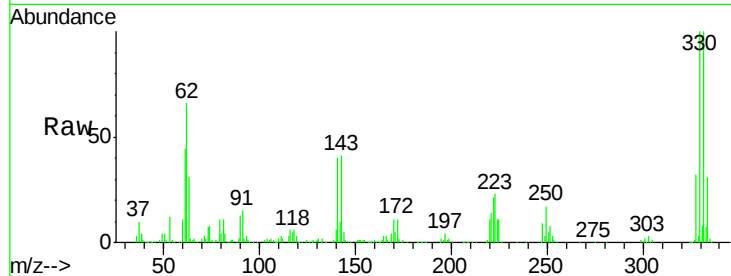
Tot Ion:330 Resp: 968225

Ion Ratio Lower Upper

330 100

332 95.8 0.0 0.0#

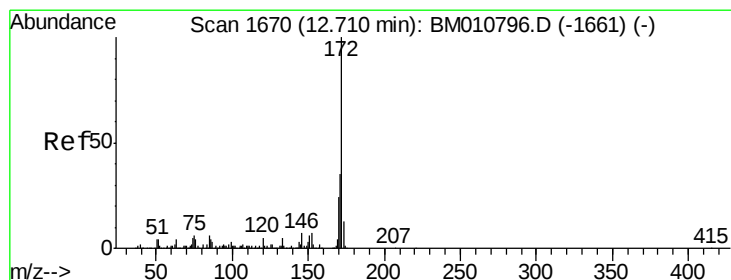
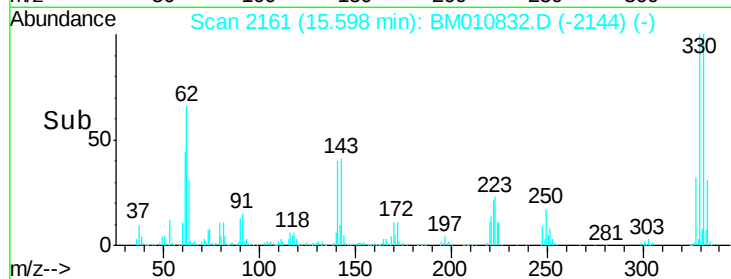
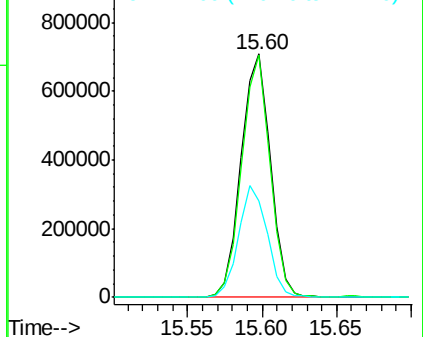
141 45.0 0.0 0.0#



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



#44

2-Fluorobiphenyl

Concen: 110.31 ng

RT: 12.71 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BM010832.D

Acq: 14 Jul 2017 02:58

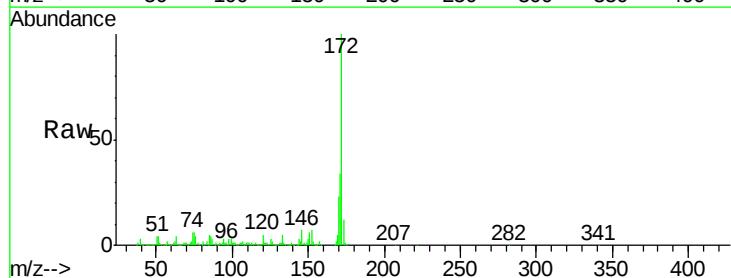
Tgt Ion:172 Resp: 3177861

Ion Ratio Lower Upper

172 100

171 33.9 28.5 42.7

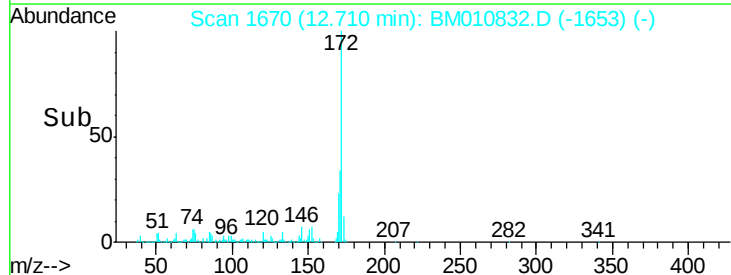
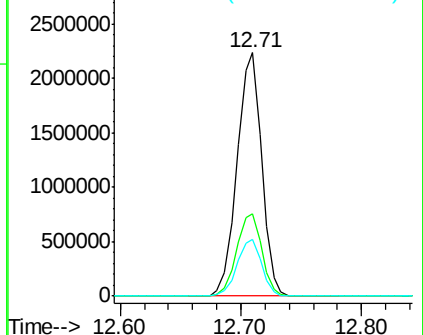
170 23.2 18.8 28.2

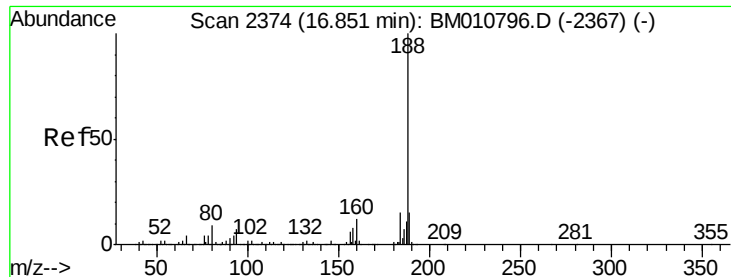


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BM010832.D

Acq: 14 Jul 2017 02:58

Instrument :

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ClientSampleId :

COMP-4-5-6

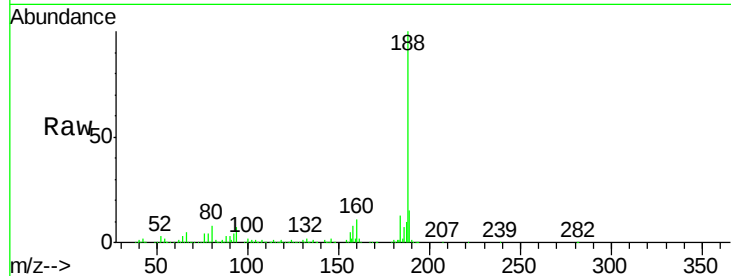
Tot Ion:188 Resp: 1035018

Ion Ratio Lower Upper

188 100

94 6.7 8.7 13.1#

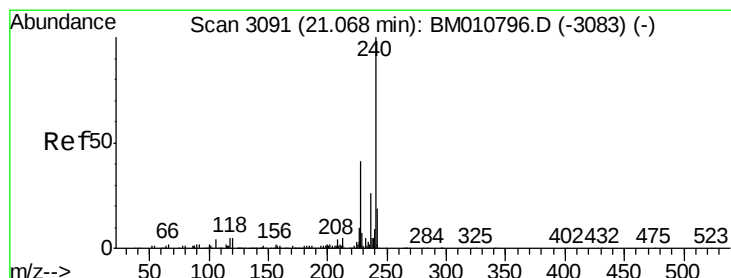
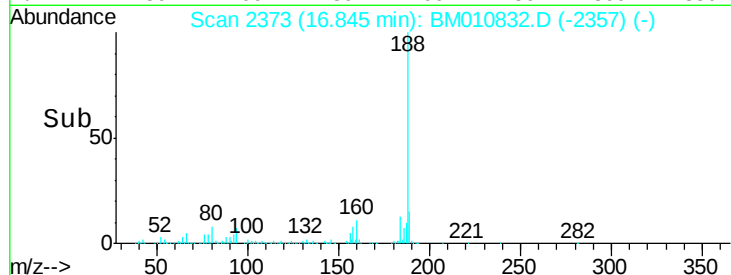
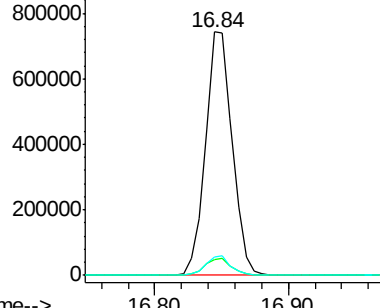
80 7.6 9.3 13.9#



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: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010832.D

Acq: 14 Jul 2017 02:58

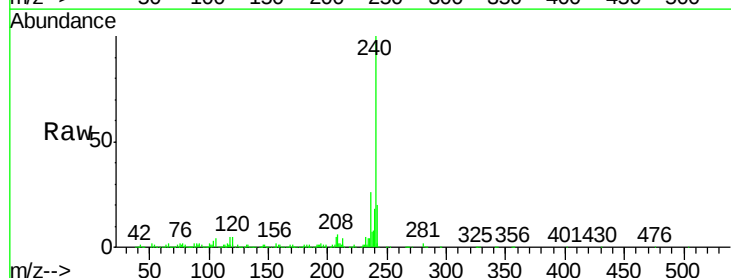
Tgt Ion:240 Resp: 988778

Ion Ratio Lower Upper

240 100

120 5.4 8.2 12.2#

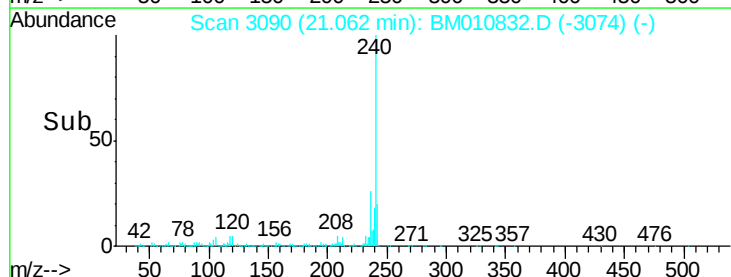
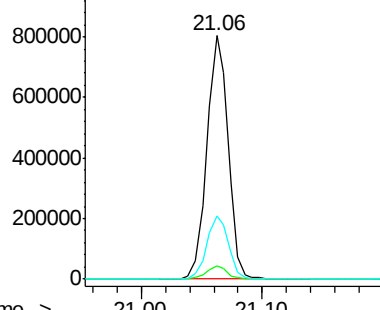
236 26.2 20.0 30.0

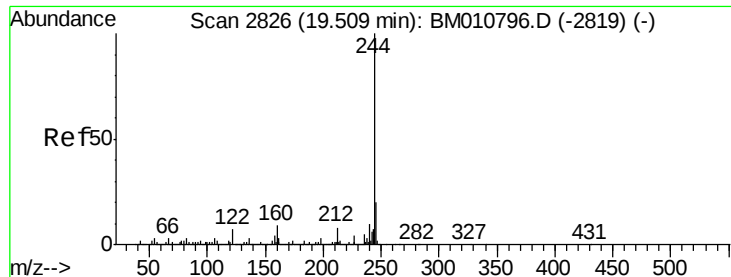


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 104.15 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010832.D

Acq: 14 Jul 2017 02:58

Instrument :

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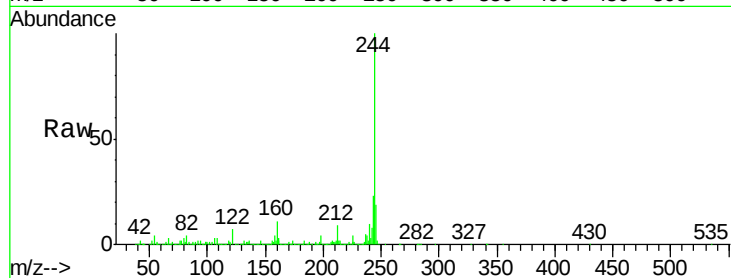
Tot Ion:244 Resp: 5324246

Ion Ratio Lower Upper

244 100

212 8.7 4.9 7.3#

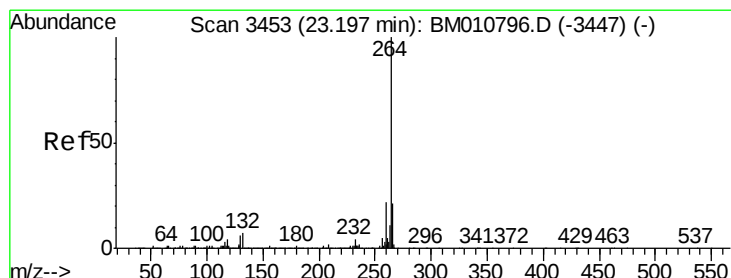
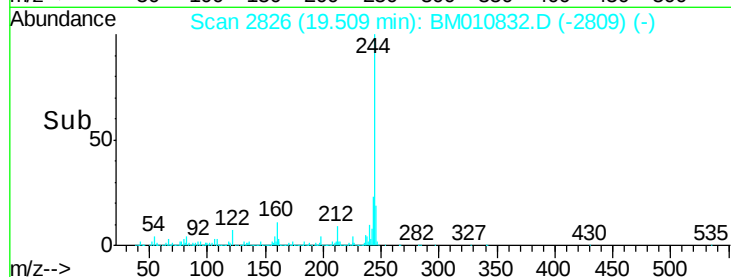
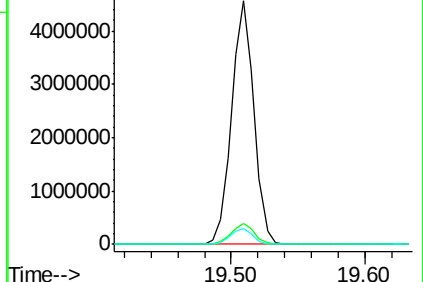
122 6.7 6.2 9.4



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: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM010832.D

Acq: 14 Jul 2017 02:58

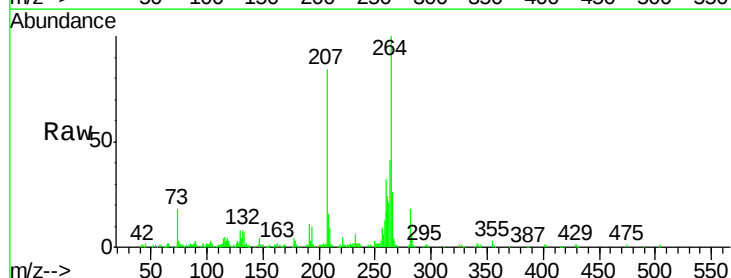
Tgt Ion:264 Resp: 225667

Ion Ratio Lower Upper

264 100

260 31.9 18.6 27.8#

265 25.8 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

