

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010875.D
 Acq On : 18 Jul 2017 15:32
 Operator : SJ/JU
 Sample : I4203-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DL-SB02A

Quant Time: Jul 18 16:24:45 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	7.44	152	215474	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	810831	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	547605	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1418961	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1632085	20.00	ng	0.00
86) Perylene-d12	23.19	264	1304631	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1881284	144.63	ng	0.00
7) Phenol-d6	6.64	99	2344201	130.72	ng	0.00
23) Nitrobenzene-d5	8.59	82	2139488	101.42	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1416449	169.26	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	4208649	95.61	ng	0.00
78) Terphenyl-d14	19.51	244	7860606	93.15	ng	0.00

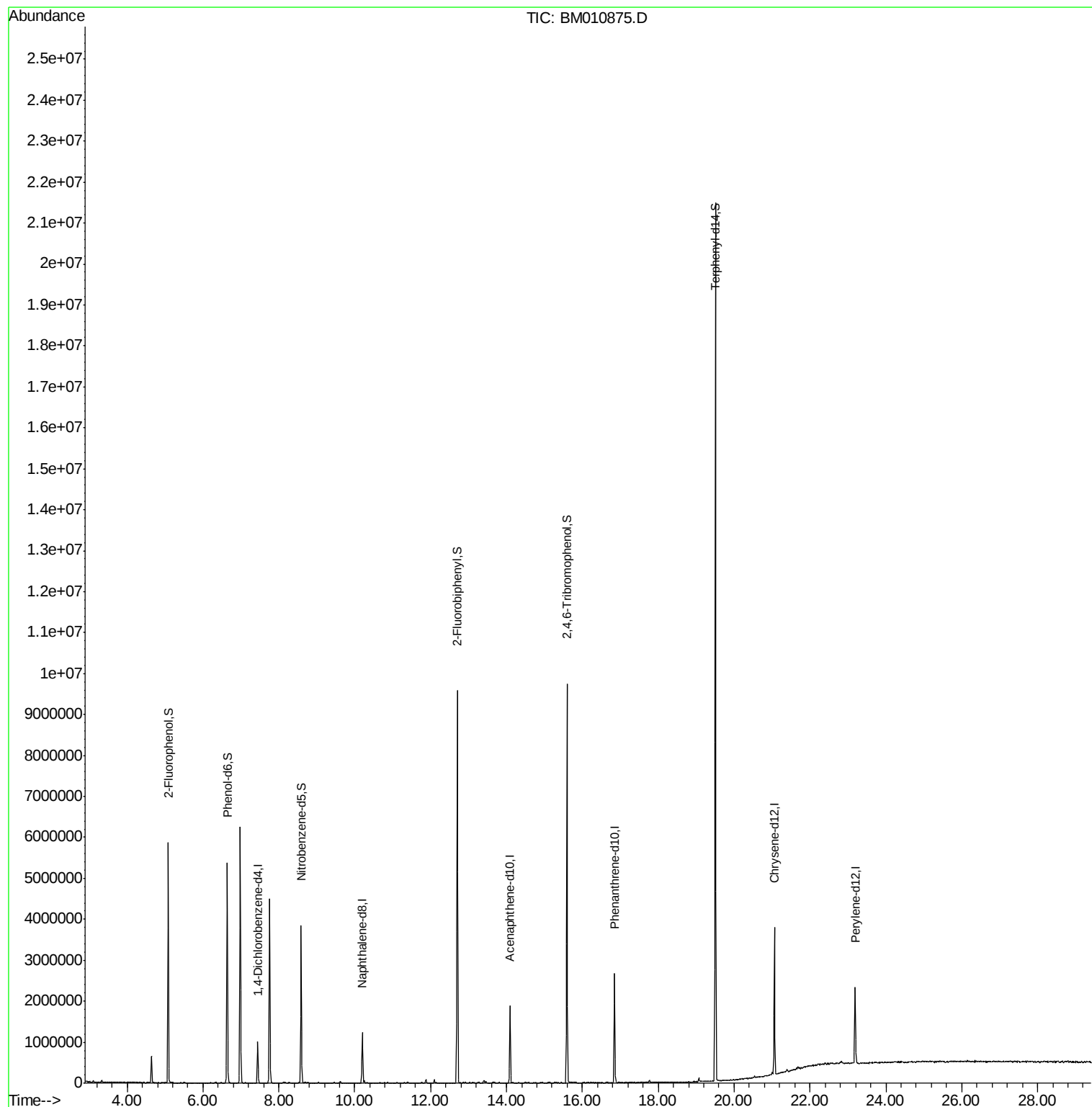
Target Compounds Qvalue

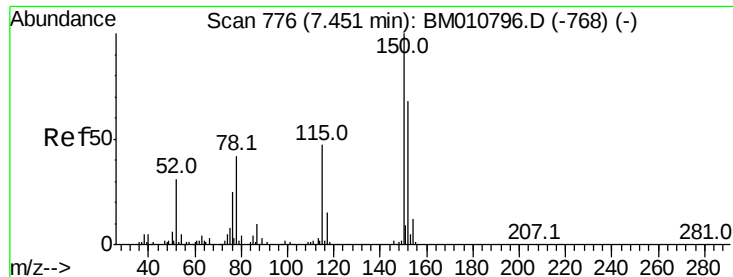
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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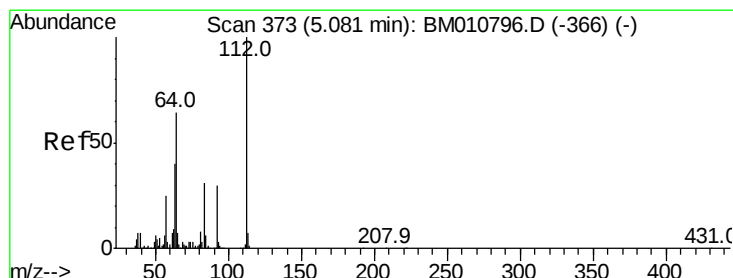
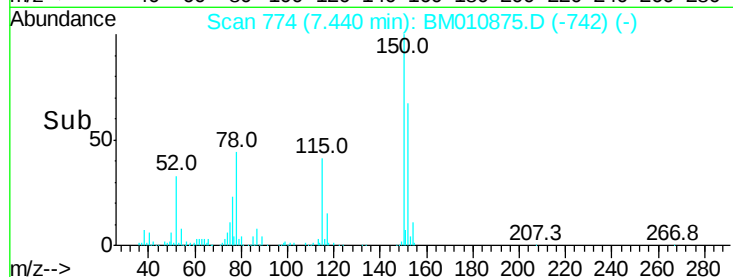
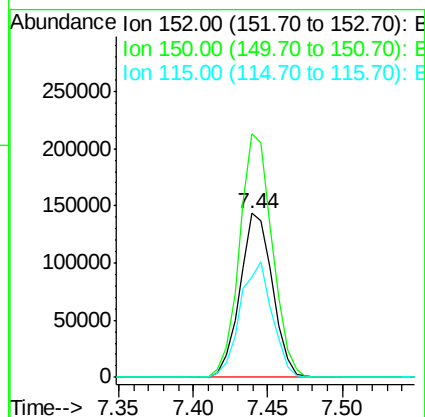
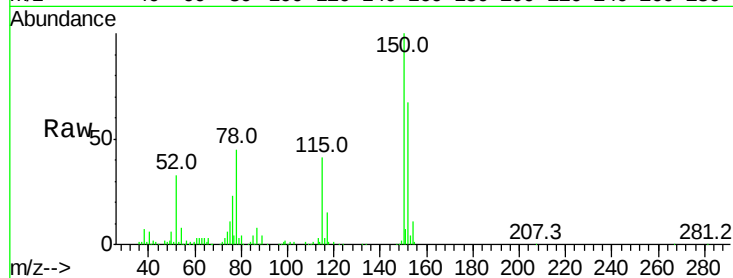


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010875.D
Acq: 18 Jul 2017 15:32

Instrument :
BNA_M
ClientSampleId :
DL-SB02A

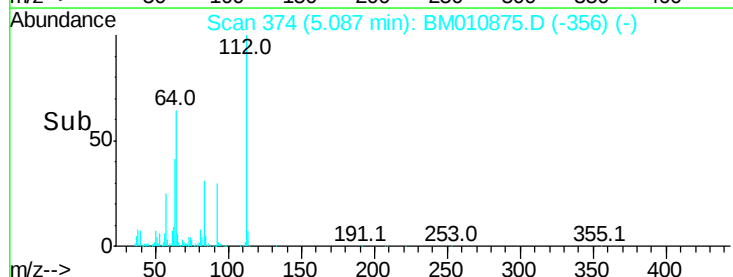
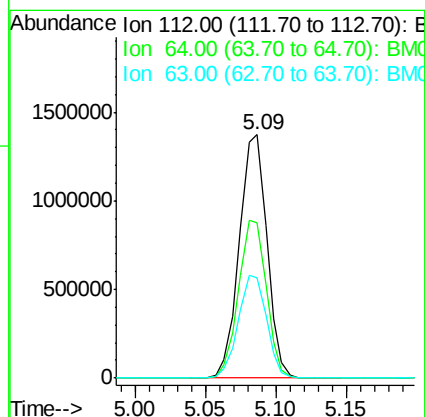
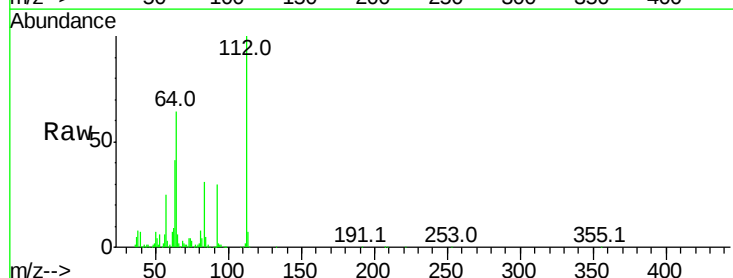
Tot Ion:152 Resp: 215474
Ion Ratio Lower Upper
152 100
150 148.5 119.5 179.3
115 61.3 43.0 64.4

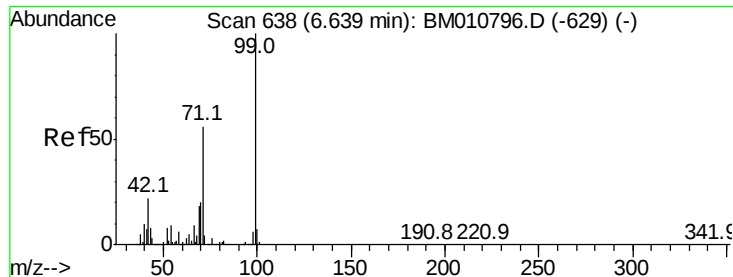


#5

2-Fluorophenol
Concen: 144.627 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM010875.D
Acq: 18 Jul 2017 15:32

Tgt Ion:112 Resp: 1881284
Ion Ratio Lower Upper
112 100
64 63.7 38.6 57.8#
63 41.0 19.3 28.9#





#7

Phenol-d6

Concen: 130.724 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010875.D

Acq: 18 Jul 2017 15:32

Instrument :

BNA_M

ClientSampleId :

DL-SB02A

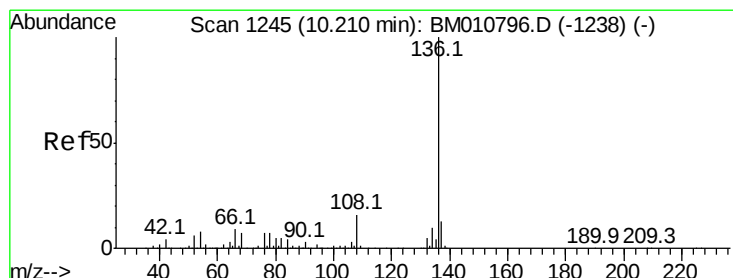
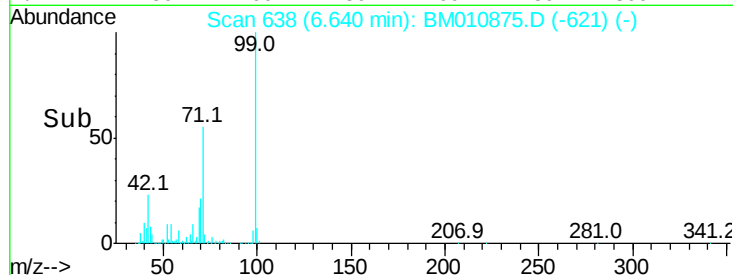
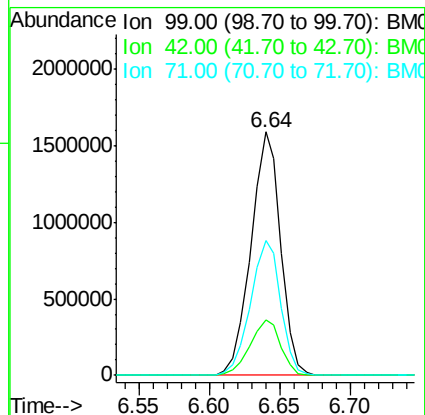
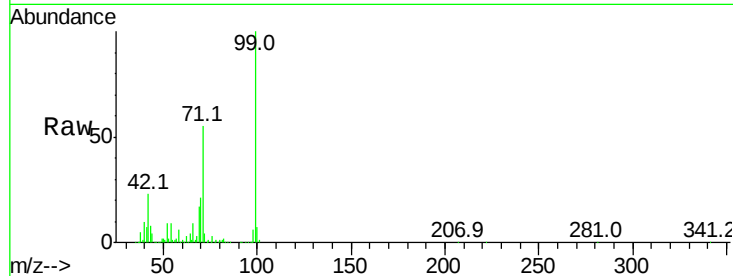
Tot Ion: 99 Resp: 2344201

Ion Ratio Lower Upper

99 100

42 22.7 11.0 16.4#

71 55.4 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM010875.D

Acq: 18 Jul 2017 15:32

Tgt Ion: 136 Resp: 810831

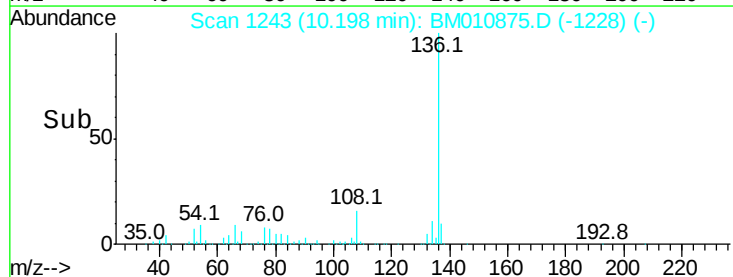
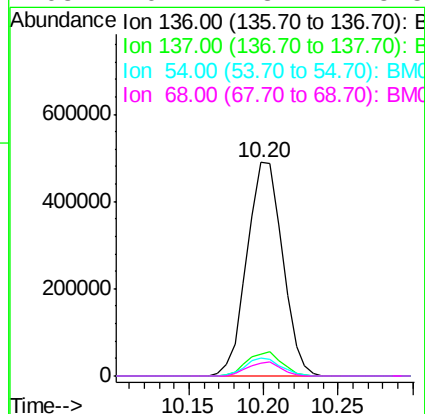
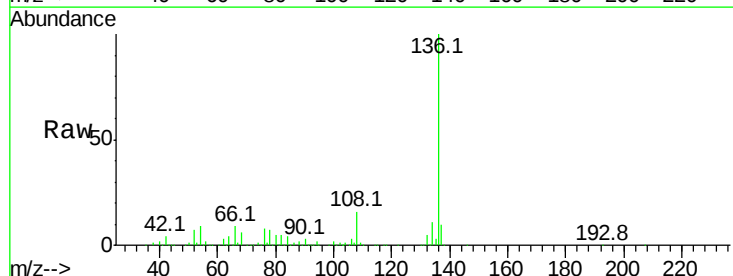
Ion Ratio Lower Upper

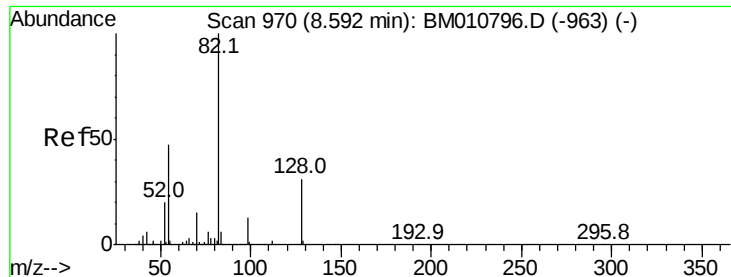
136 100

137 10.1 8.7 13.1

54 8.5 4.6 6.8#

68 6.1 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 101.423 ng

RT: 8.59 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM010875.D

Acq: 18 Jul 2017 15:32

Instrument :

BNA_M

ClientSampleId :

DL-SB02A

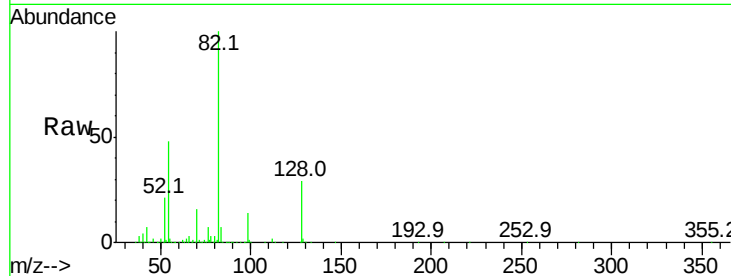
Tot Ion: 82 Resp: 2139488

Ion Ratio Lower Upper

82 100

128 28.7 32.8 49.2#

54 47.9 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) (-)

8.59

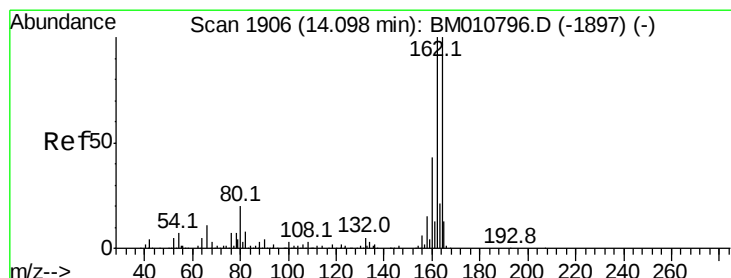
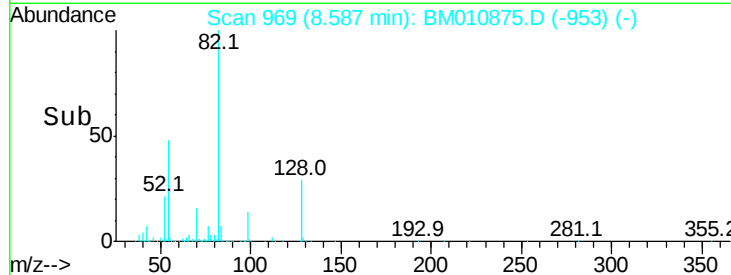
1500000

1000000

500000

0

Time--> 8.50 8.55 8.60 8.65



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM010875.D

Acq: 18 Jul 2017 15:32

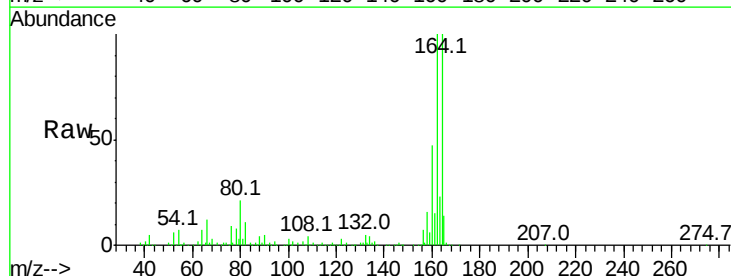
Tgt Ion:164 Resp: 547605

Ion Ratio Lower Upper

164 100

162 100.4 82.4 123.6

160 47.5 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) (-)

14.09

500000

400000

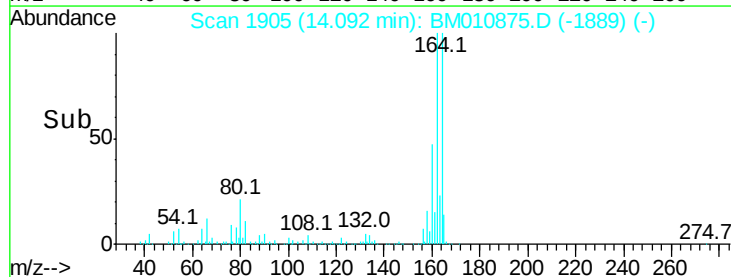
300000

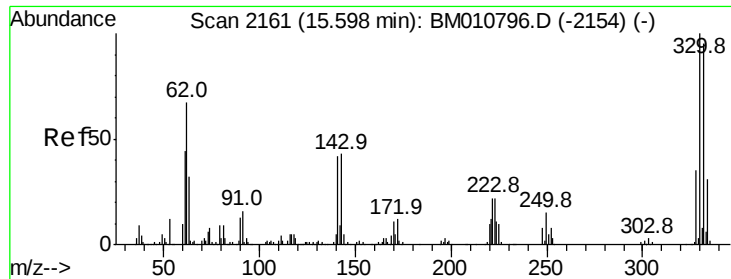
200000

100000

0

Time--> 14.05 14.10 14.15





#41

2,4,6-Tribromophenol

Concen: 169.261 ng

RT: 15.60 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BM010875.D

Acq: 18 Jul 2017 15:32

Instrument :

BNA_M

ClientSampled :

DL-SB02A

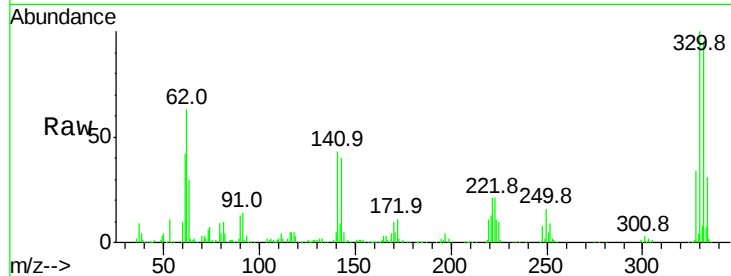
Tot Ion:330 Resp: 1416449

Ion Ratio Lower Upper

330 100

332 95.4 0.0 0.0#

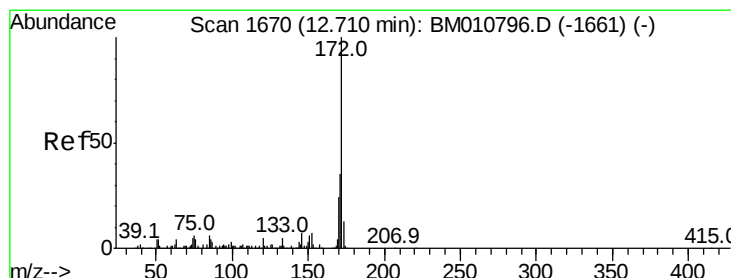
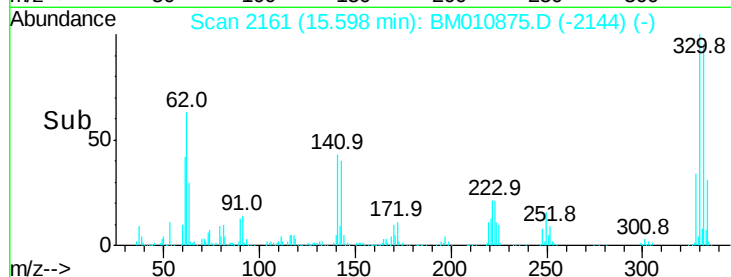
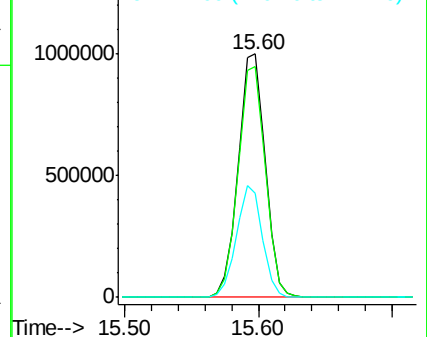
141 44.2 0.0 0.0#



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: 95.610 ng

RT: 12.70 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BM010875.D

Acq: 18 Jul 2017 15:32

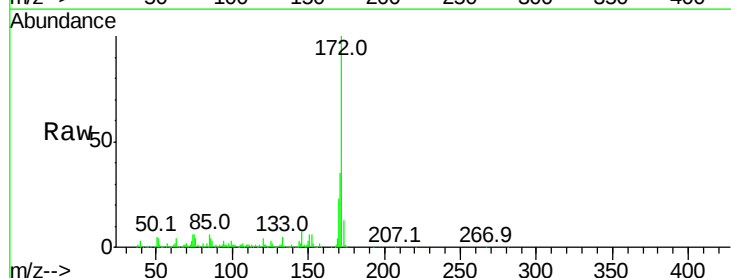
Tgt Ion:172 Resp: 4208649

Ion Ratio Lower Upper

172 100

171 34.5 28.5 42.7

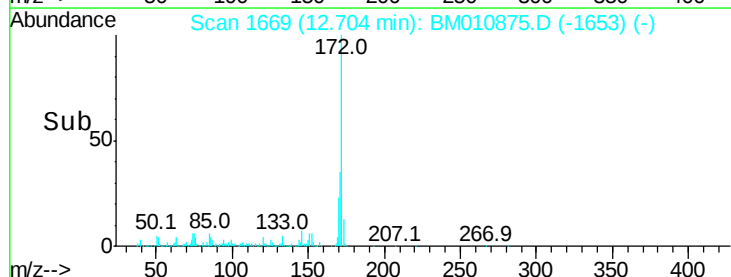
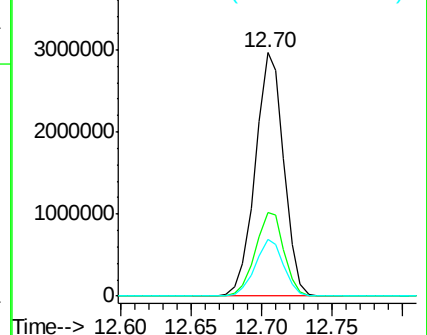
170 23.3 18.8 28.2

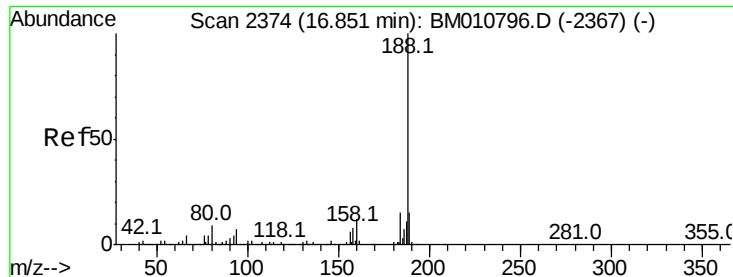


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BM010875.D

Acq: 18 Jul 2017 15:32

Instrument :

BNA_M

ClientSampleId :

DL-SB02A

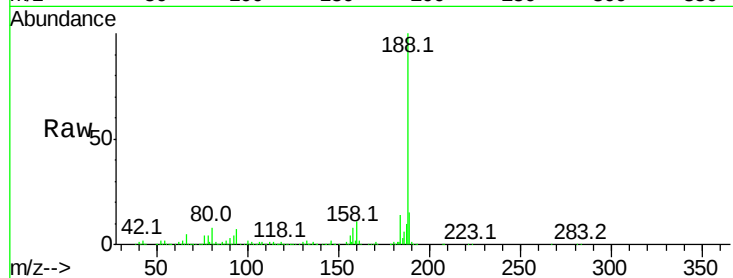
Tot Ion:188 Resp: 1418961

Ion Ratio Lower Upper

188 100

94 6.7 8.7 13.1#

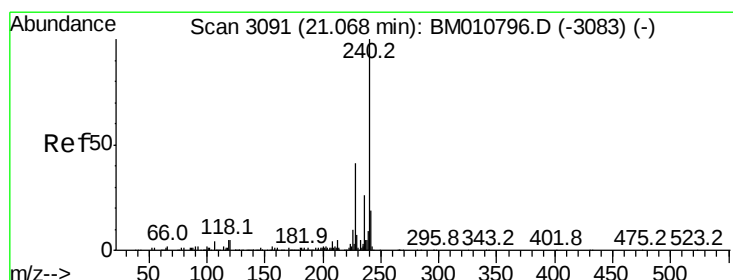
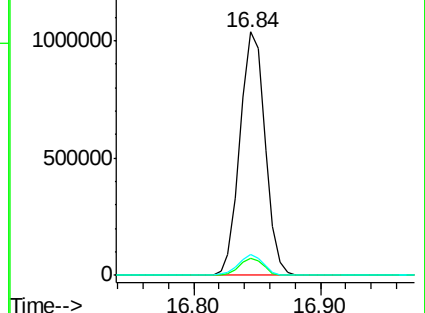
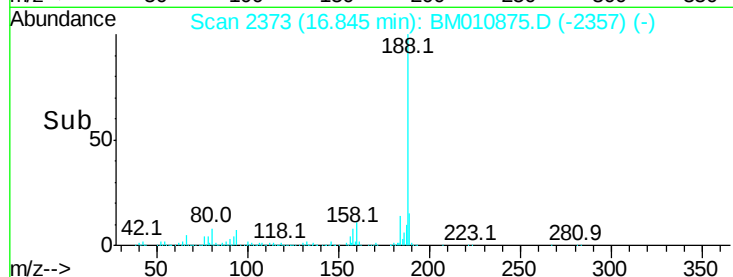
80 8.4 9.3 13.9#



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: 20.000 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010875.D

Acq: 18 Jul 2017 15:32

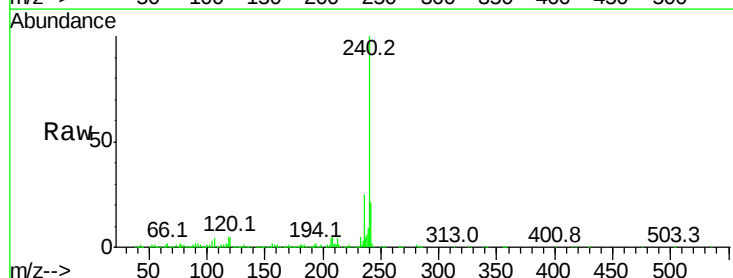
Tgt Ion:240 Resp: 1632085

Ion Ratio Lower Upper

240 100

120 4.9 8.2 12.2#

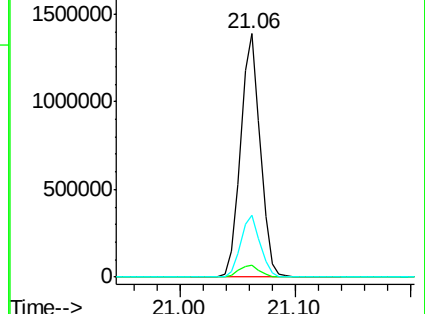
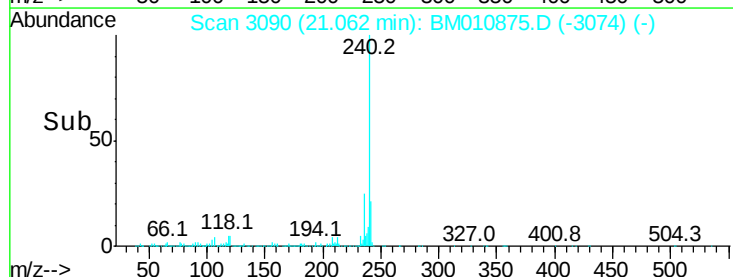
236 25.3 20.0 30.0

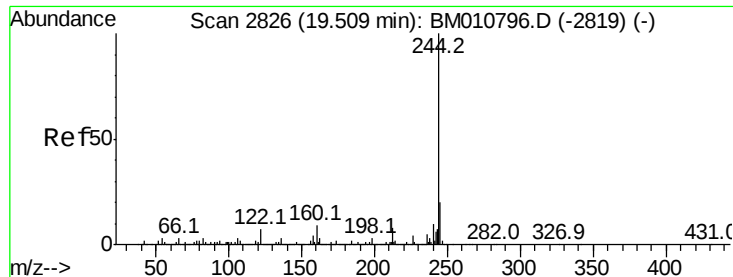


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.152 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010875.D

Acq: 18 Jul 2017 15:32

Instrument :

BNA_M

ClientSampleId :

DL-SB02A

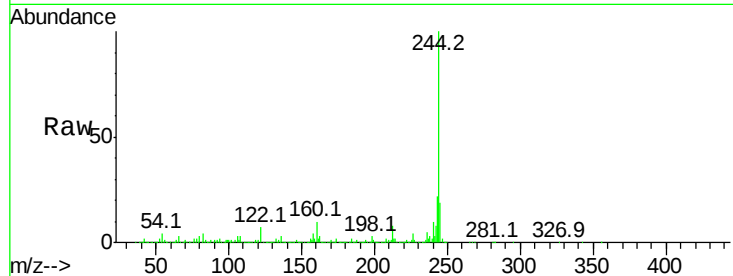
Tot Ion:244 Resp: 7860606

Ion Ratio Lower Upper

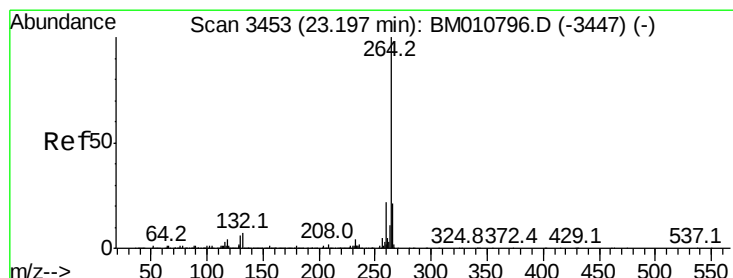
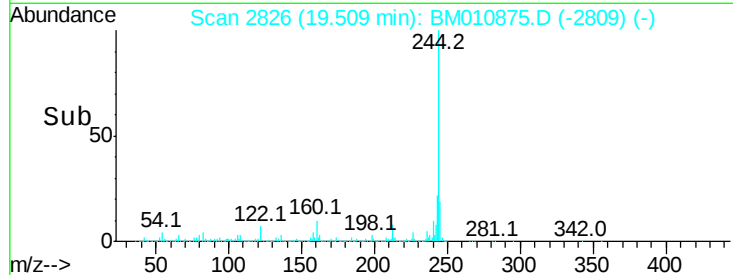
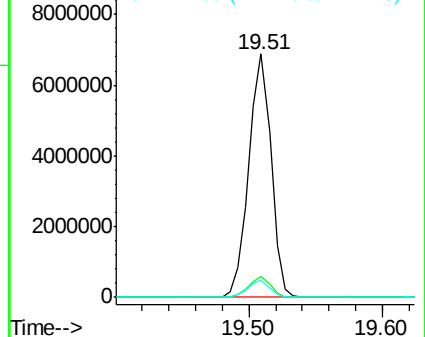
244 100

212 8.4 4.9 7.3#

122 7.0 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: 20.000 ng

RT: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM010875.D

Acq: 18 Jul 2017 15:32

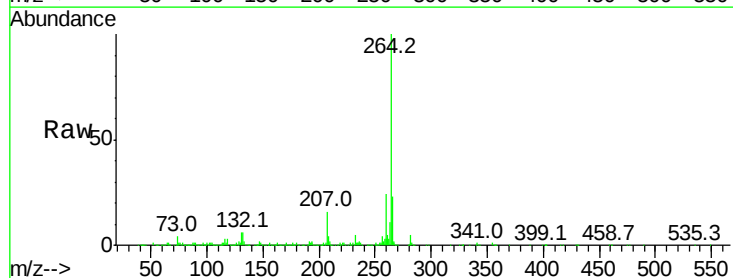
Tgt Ion:264 Resp: 1304631

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 22.6 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

