

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010854.D
 Acq On : 18 Jul 2017 02:57
 Operator : SJ/JU
 Sample : I4199-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3562-PP2

Quant Time: Jul 18 05:45:38 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	271081	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	1099796	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	675537	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1613313	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1741505	20.00	ng	0.00
86) Perylene-d12	23.19	264	1471774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	909993	55.61	ng	0.00
7) Phenol-d6	6.63	99	774268	34.32	ng	0.00
23) Nitrobenzene-d5	8.59	82	2397438	83.79	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1361891	131.92	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	5002367	92.12	ng	0.00
78) Terphenyl-d14	19.51	244	7725550	85.80	ng	0.00

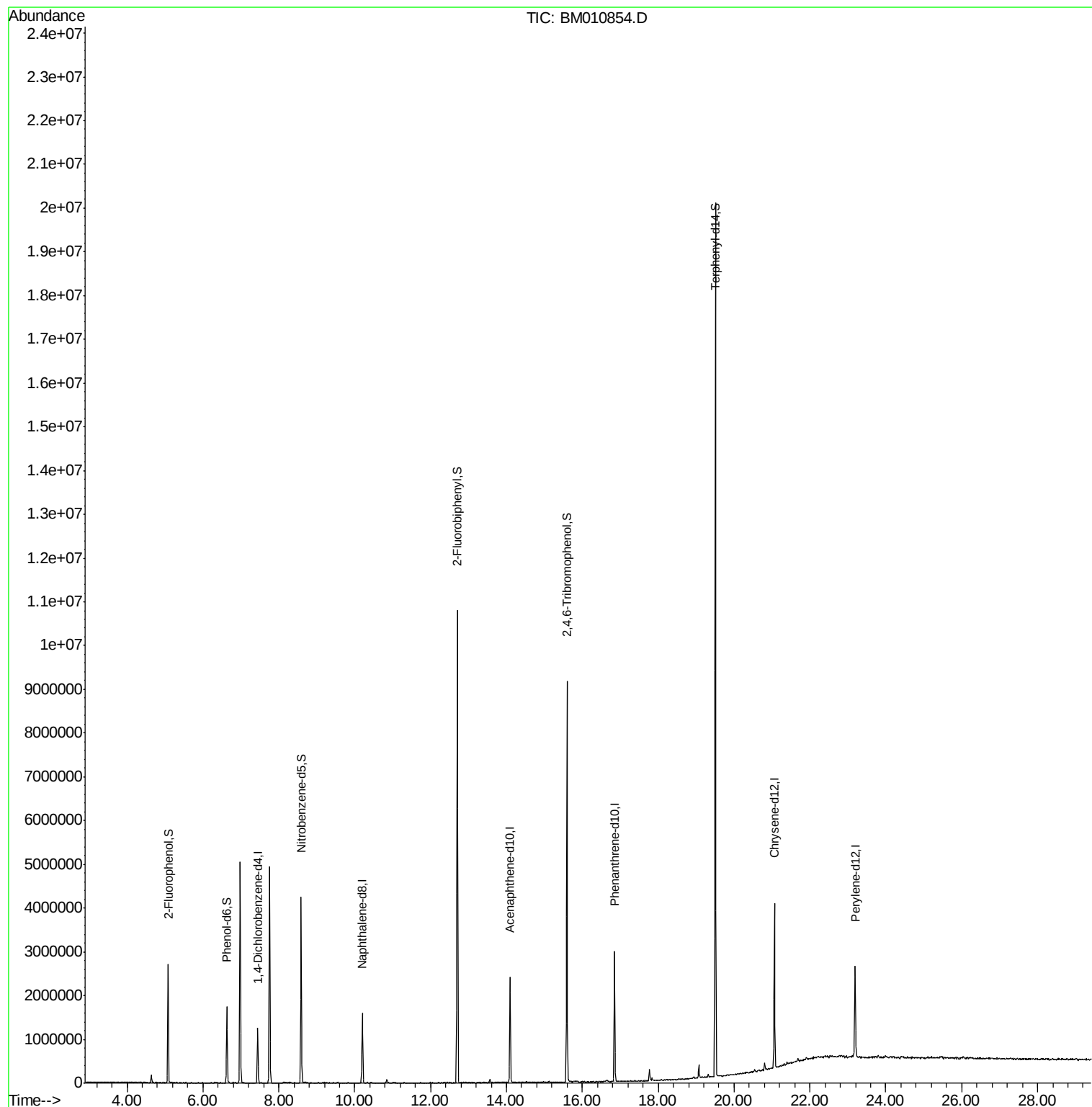
Target Compounds Qvalue

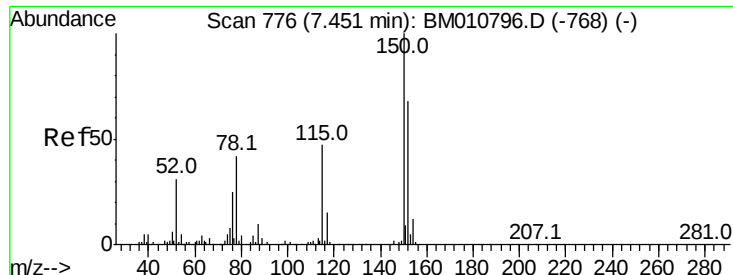
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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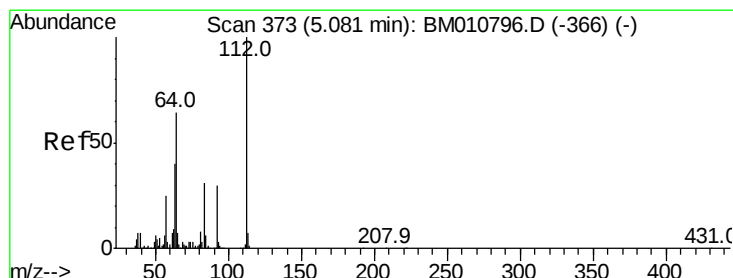
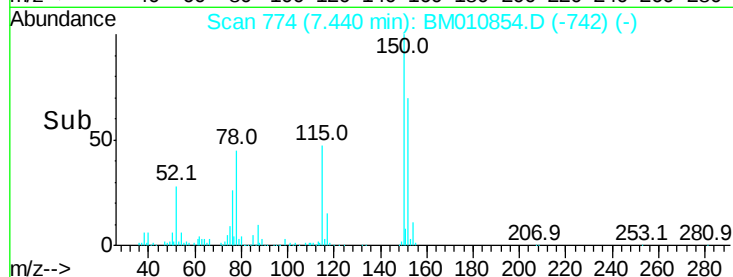
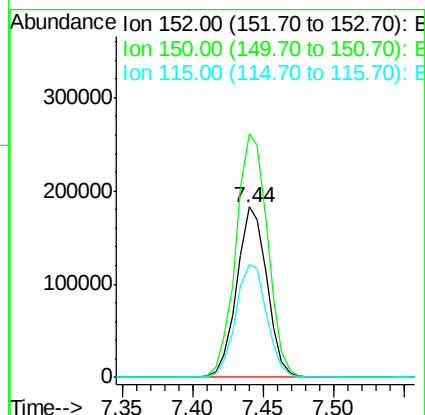
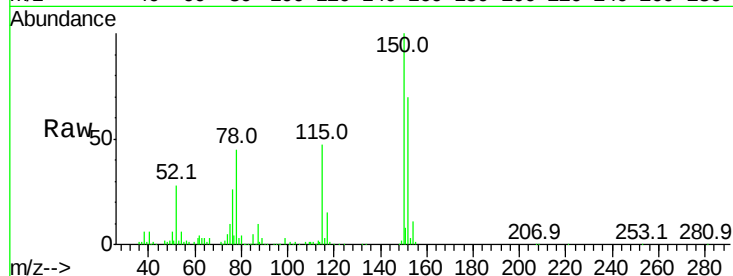


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010854.D
Acq: 18 Jul 2017 02:57

Instrument :
BNA_M
ClientSampleId :
3562-PP2

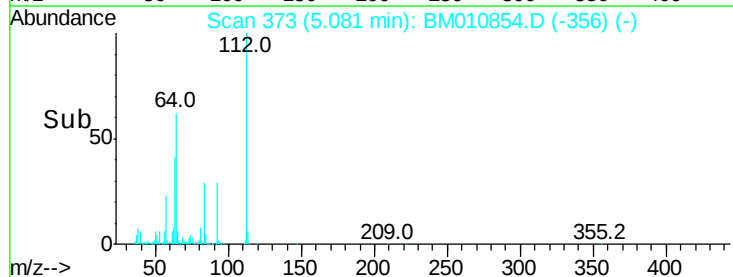
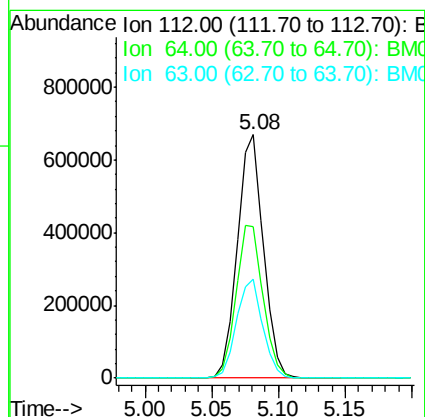
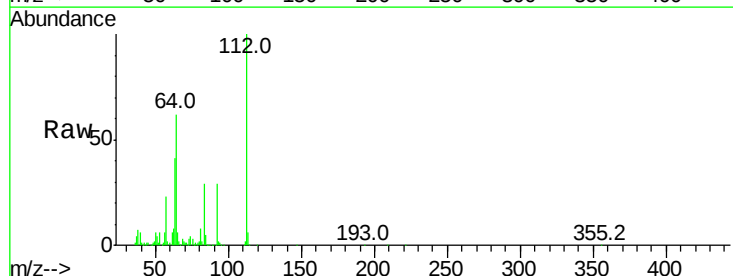
Tot Ion	Ratio	Lower	Upper
152	100		
150	142.8	119.5	179.3
115	66.5	43.0	64.4

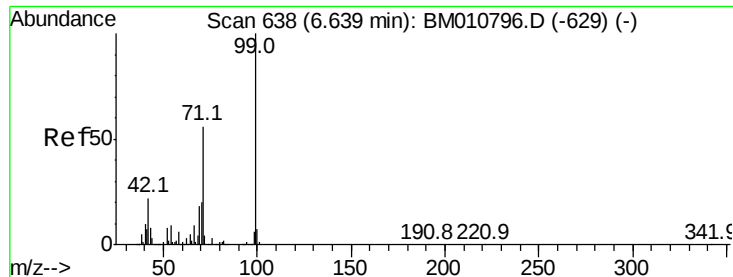


#5

2-Fluorophenol
Concen: 55.607 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010854.D
Acq: 18 Jul 2017 02:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	38.6	57.8
63	40.6	19.3	28.9





#7

Phenol-d6

Concen: 34.320 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

Instrument :

BNA_M

ClientSampleId :

3562-PP2

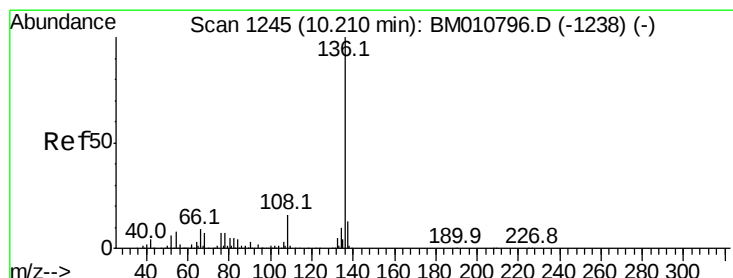
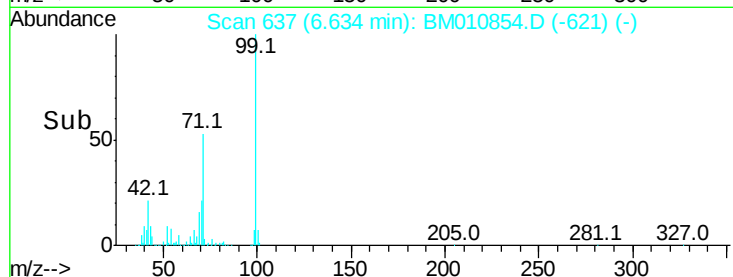
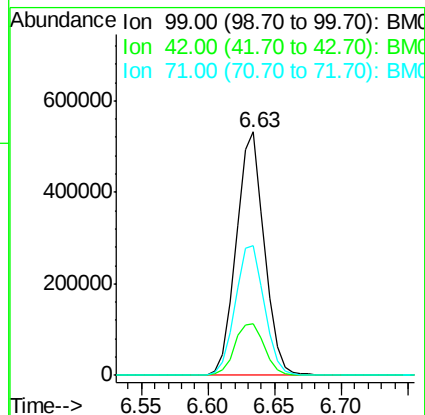
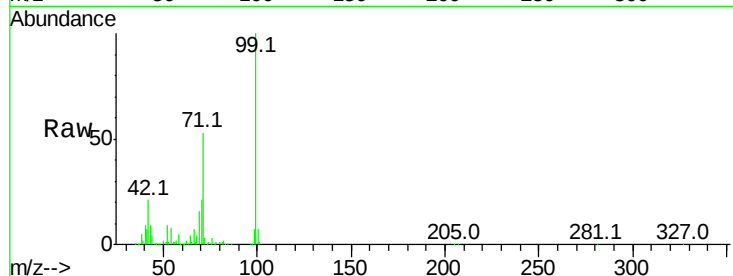
Tot Ion: 99 Resp: 774268

Ion Ratio Lower Upper

99 100

42 21.3 11.0 16.4#

71 53.4 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: BM010854.D

Acq: 18 Jul 2017 02:57

Tgt Ion: 136 Resp: 1099796

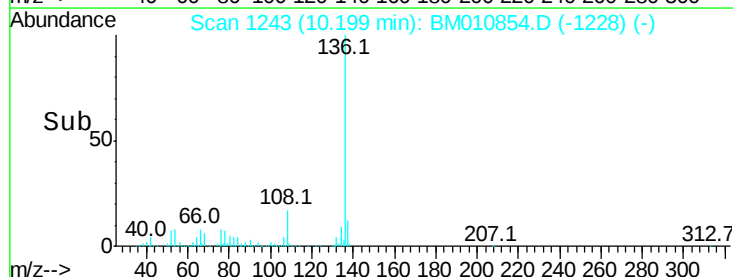
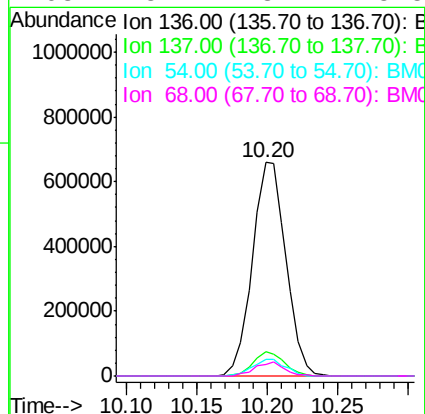
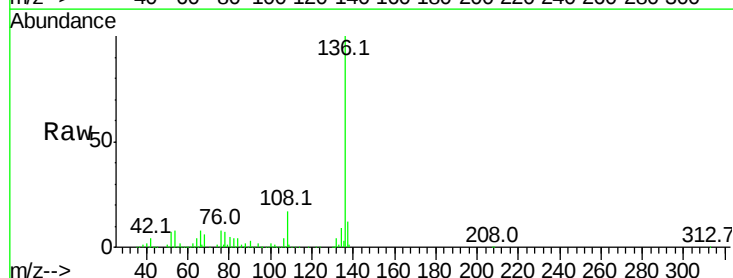
Ion Ratio Lower Upper

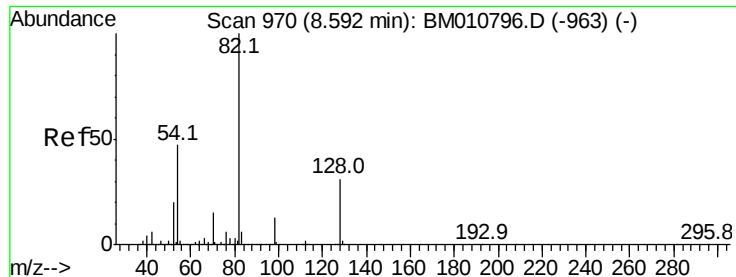
136 100

137 11.7 8.7 13.1

54 7.7 4.6 6.8#

68 5.7 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 83.790 ng

RT: 8.59 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

Instrument :

BNA_M

ClientSampleId :

3562-PP2

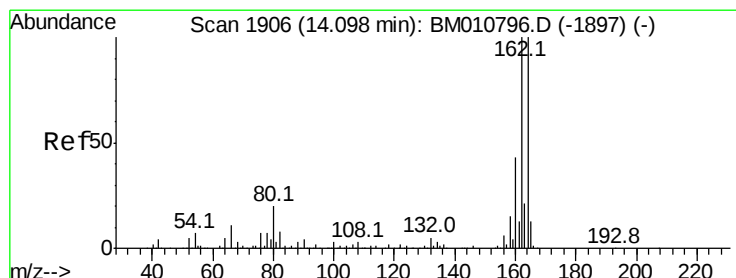
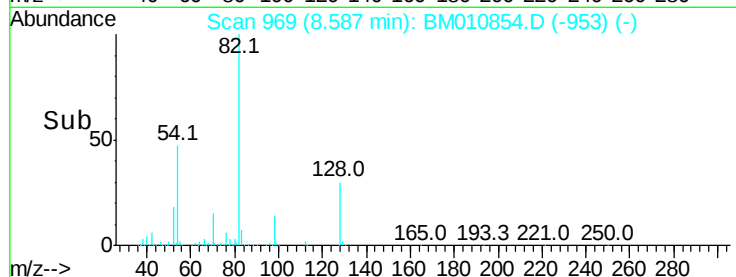
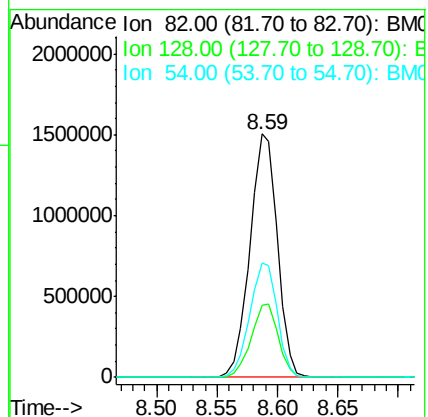
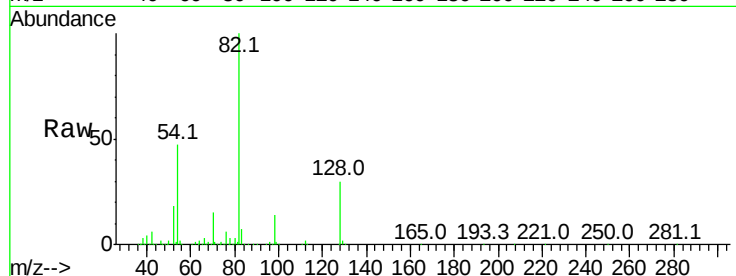
Tot Ion: 82 Resp: 2397438

Ion Ratio Lower Upper

82 100

128 29.6 32.8 49.2#

54 47.2 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

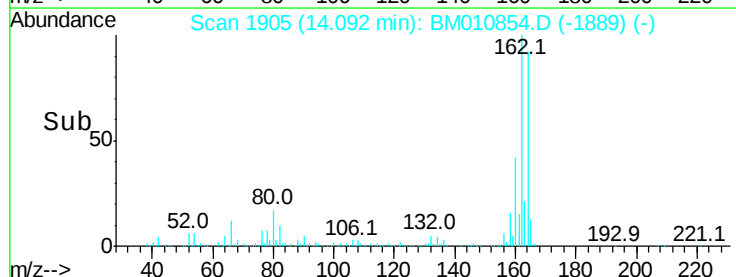
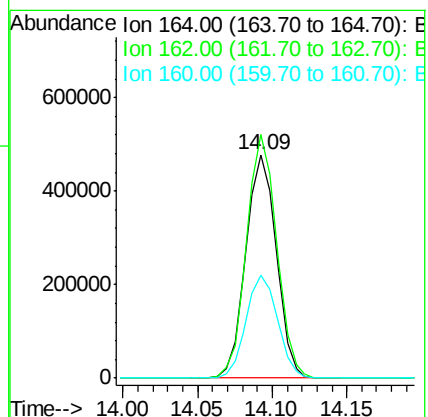
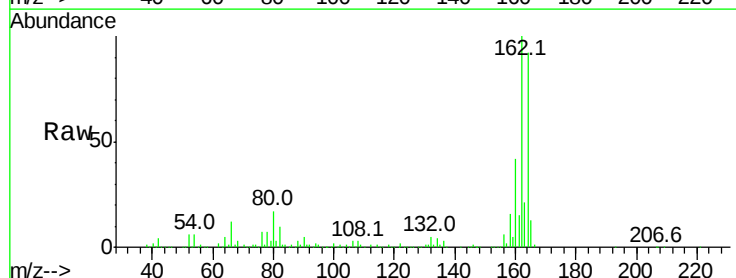
Tgt Ion: 164 Resp: 675537

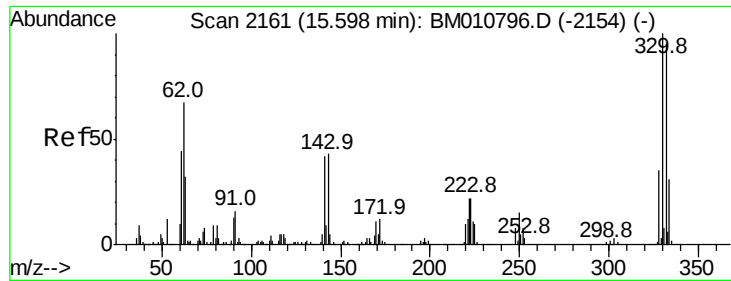
Ion Ratio Lower Upper

164 100

162 109.1 82.4 123.6

160 46.1 35.8 53.6

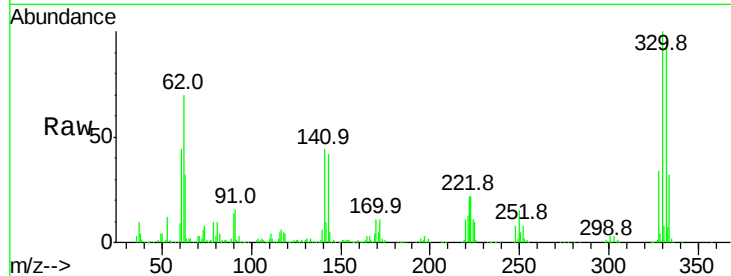




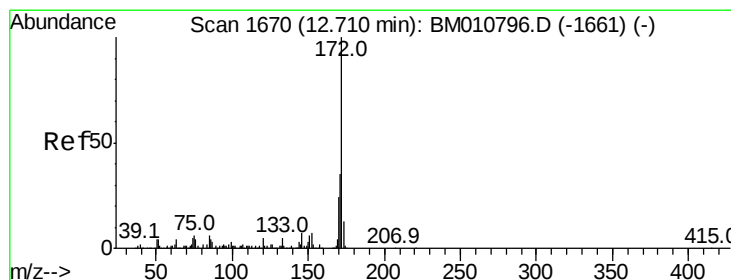
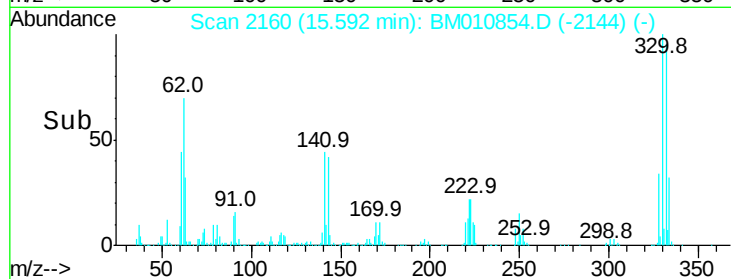
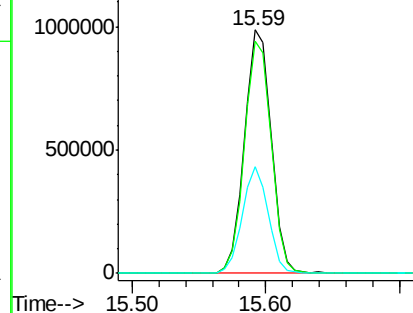
#41
 2,4,6-Tribromophenol
 Concen: 131.922 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010854.D
 Acq: 18 Jul 2017 02:57

Instrument :
 BNA_M
 ClientSampleId :
 3562-PP2

Tot Ion:330 Resp: 1361891
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 42.7 0.0 0.0#

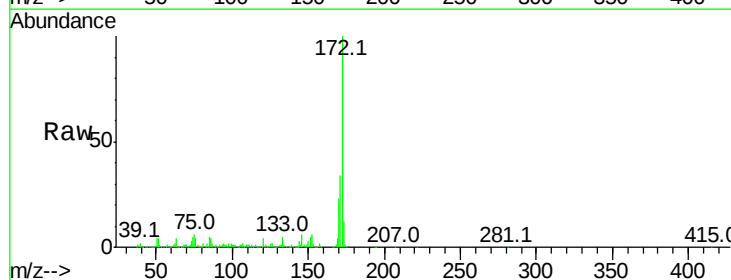


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

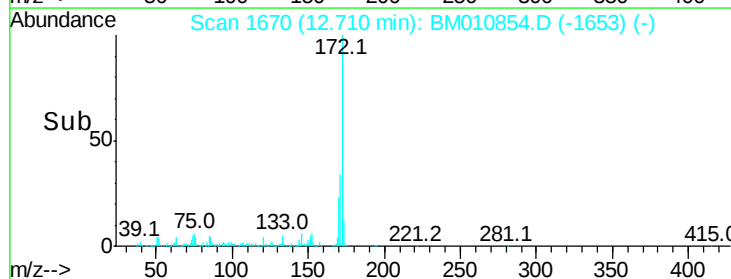
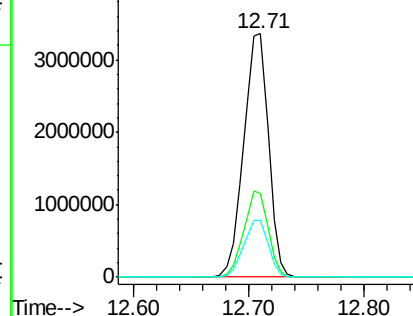


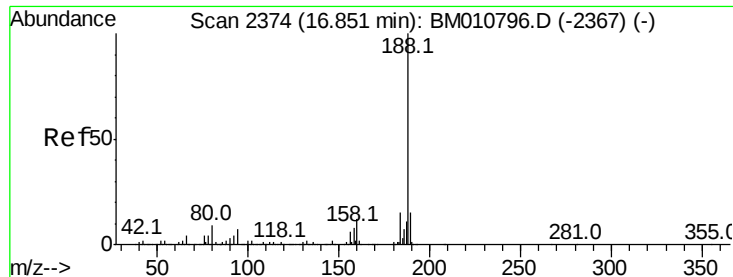
#44
 2-Fluorobiphenyl
 Concen: 92.120 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM010854.D
 Acq: 18 Jul 2017 02:57

Tgt Ion:172 Resp: 5002367
 Ion Ratio Lower Upper
 172 100
 171 34.4 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: 20.000 ng

RT: 16.85 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

Instrument :

BNA_M

ClientSampled :

3562-PP2

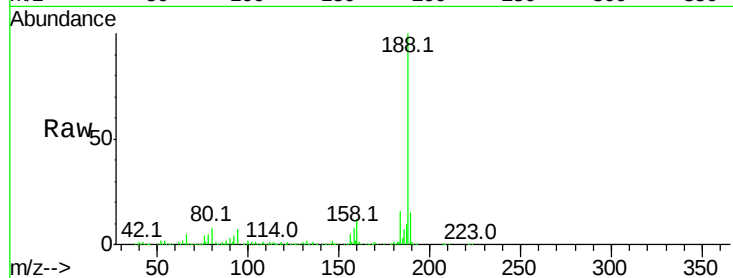
Tot Ion:188 Resp: 1613313

Ion Ratio Lower Upper

188 100

94 7.3 8.7 13.1#

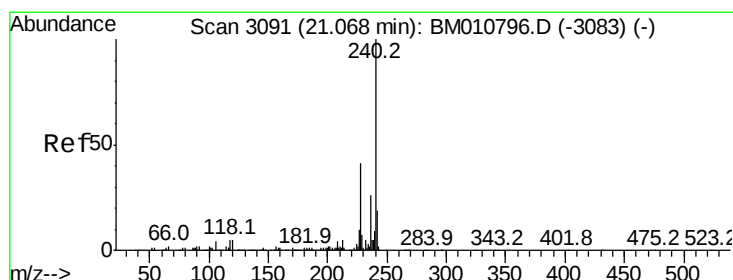
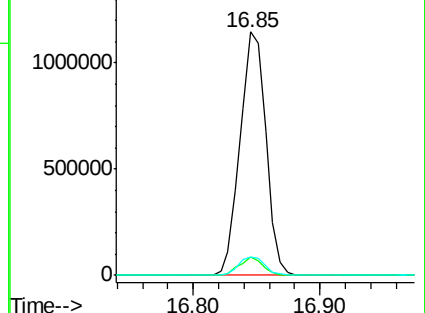
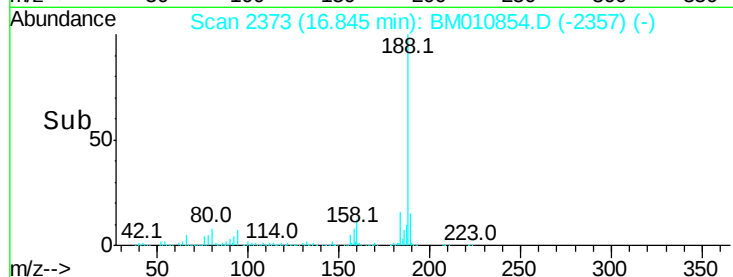
80 7.8 9.3 13.9#



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: BM010854.D

Acq: 18 Jul 2017 02:57

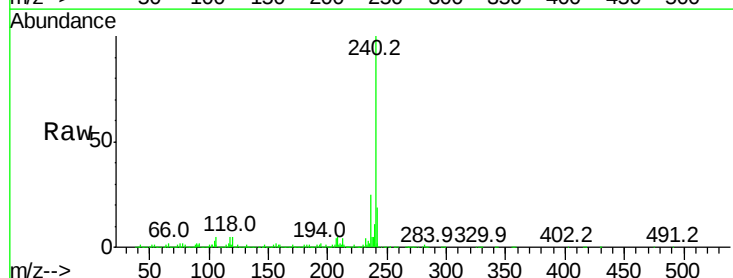
Tgt Ion:240 Resp: 1741505

Ion Ratio Lower Upper

240 100

120 4.9 8.2 12.2#

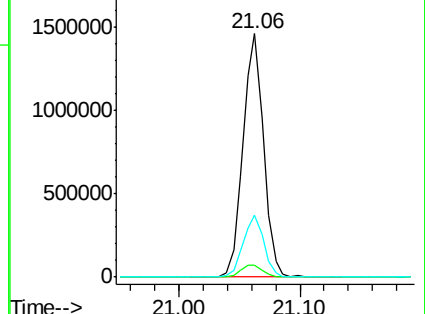
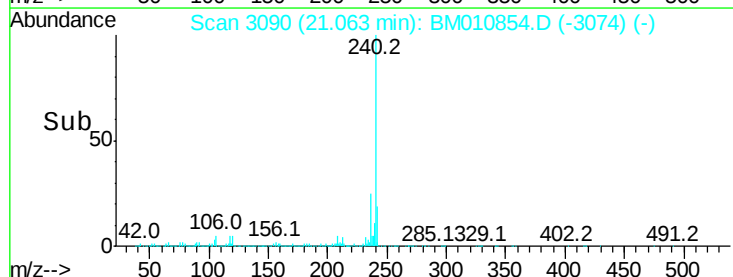
236 25.5 20.0 30.0

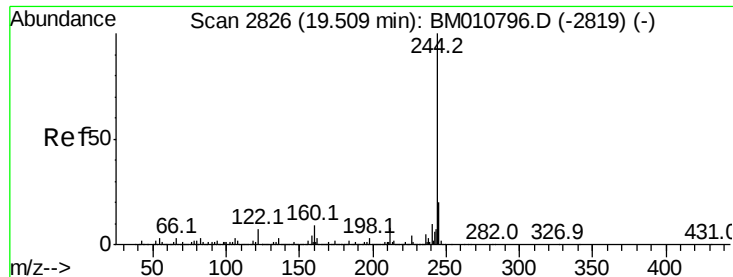


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.799 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

Instrument :

BNA_M

ClientSampleId :

3562-PP2

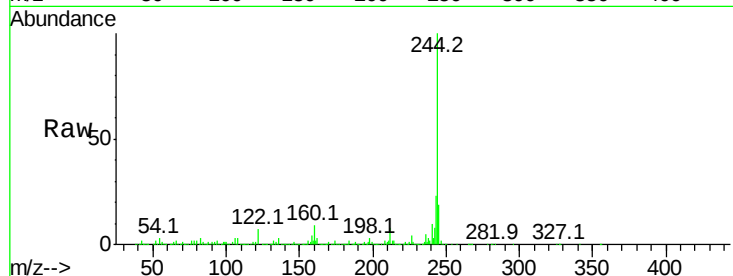
Tot Ion:244 Resp: 7725550

Ion Ratio Lower Upper

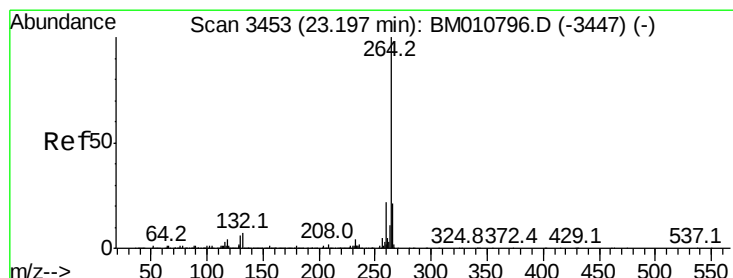
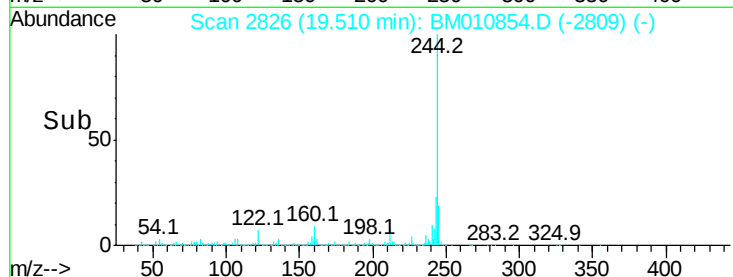
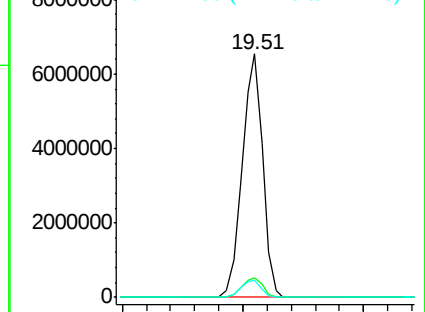
244 100

212 8.1 4.9 7.3#

122 7.2 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: BM010854.D

Acq: 18 Jul 2017 02:57

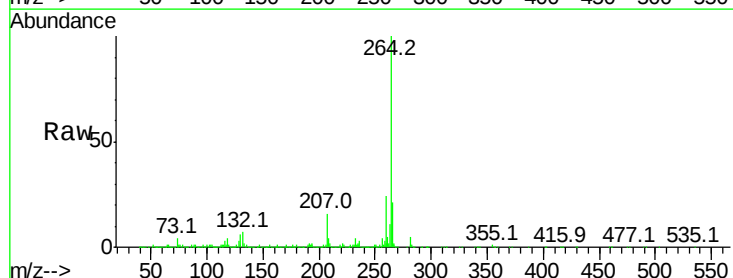
Tgt Ion:264 Resp: 1471774

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 20.9 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

