

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071817\
 Data File : BM010885.D
 Acq On : 18 Jul 2017 23:54
 Operator : SJ/JU
 Sample : I4199-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3575-DB

Quant Time: Jul 19 01:06:03 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	276668	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	1086869	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	710280	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1688847	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1814665	20.00	ng	0.00
86) Perylene-d12	23.19	264	1490524	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1036876	62.08	ng	0.00
7) Phenol-d6	6.63	99	898032	39.00	ng	0.00
23) Nitrobenzene-d5	8.59	82	2722395	96.28	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1652828	152.27	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	5593731	97.97	ng	0.00
78) Terphenyl-d14	19.51	244	8165989	87.03	ng	0.00

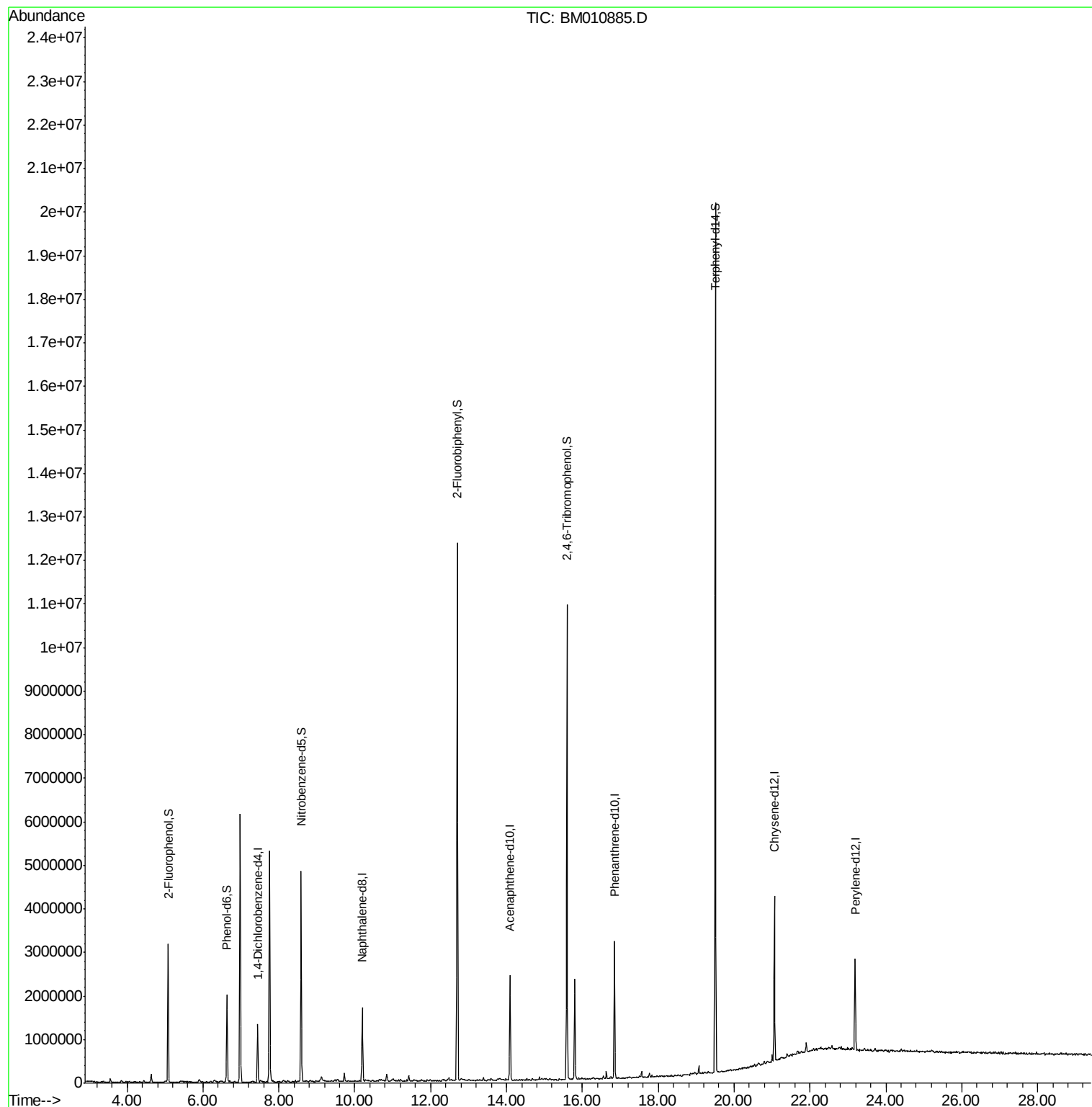
Target Compounds Qvalue

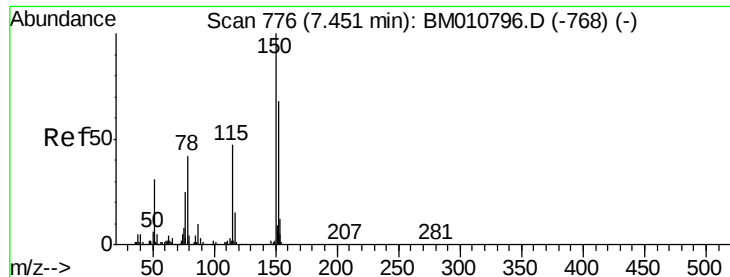
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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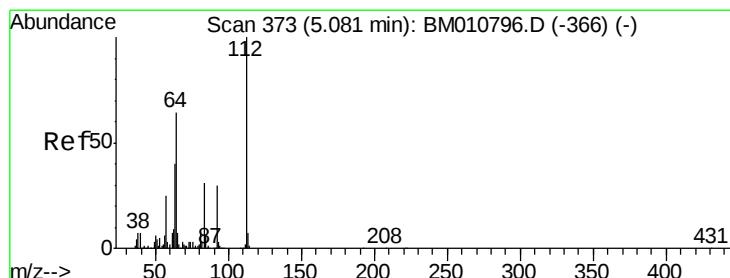
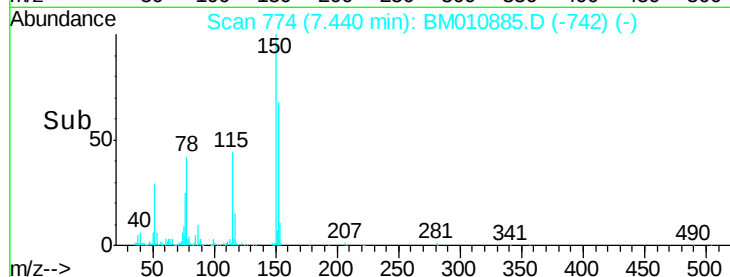
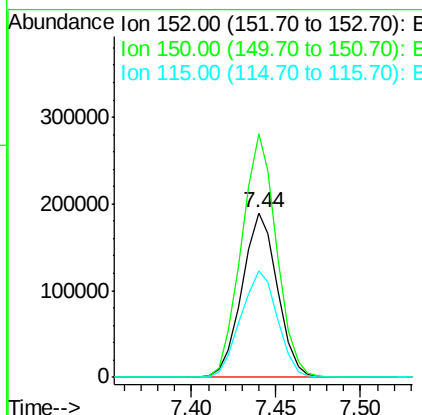
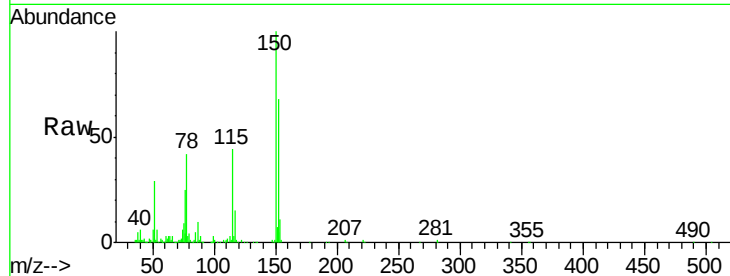


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010885.D
Acq: 18 Jul 2017 23:54

Instrument :
BNA_M
ClientSampleId :
3575-DB

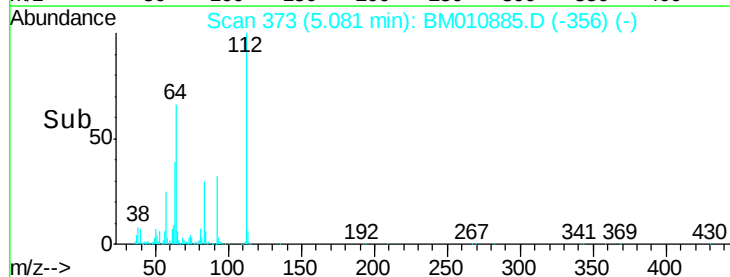
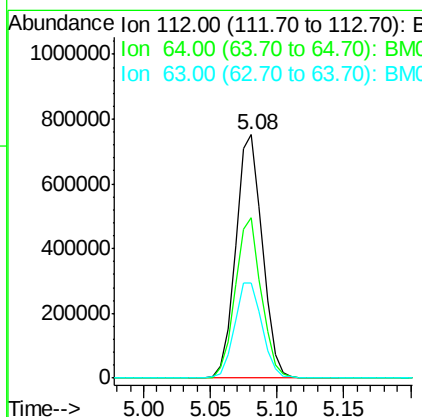
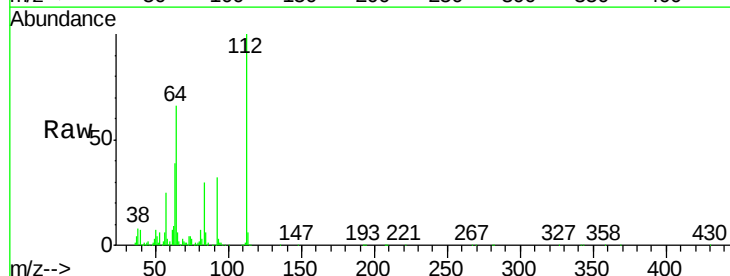
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	119.5	179.3
115	65.0	43.0	64.4#

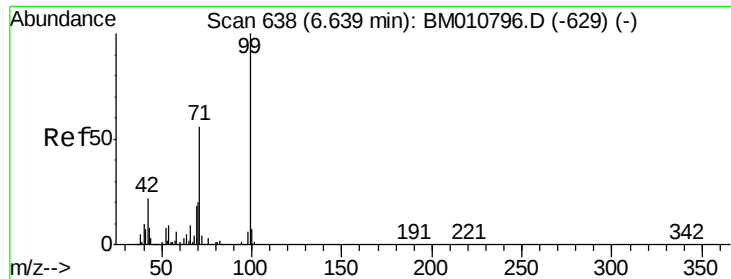


#5

2-Fluorophenol
Concen: 62.08 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010885.D
Acq: 18 Jul 2017 23:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	38.6	57.8#
63	39.1	19.3	28.9#





#7

Phenol-d6

Concen: 39.00 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010885.D

Acq: 18 Jul 2017 23:54

Instrument :

BNA_M

ClientSampleId :

3575-DB

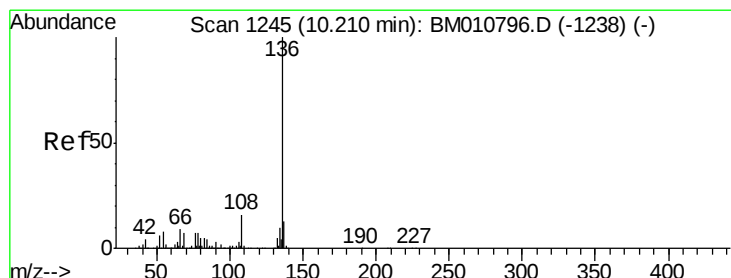
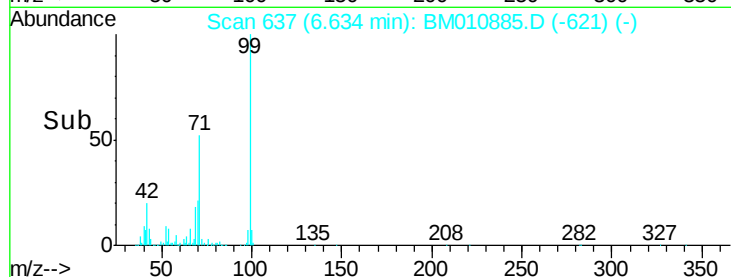
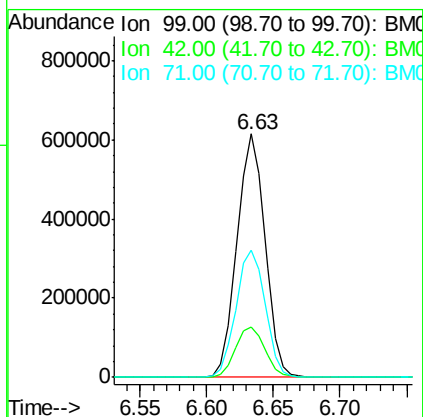
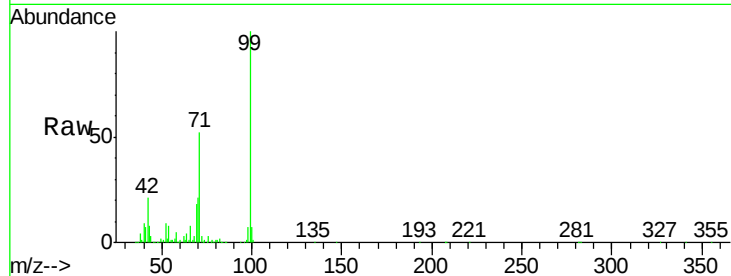
Tot Ion: 99 Resp: 898032

Ion Ratio Lower Upper

99 100

42 20.6 11.0 16.4#

71 52.3 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM010885.D

Acq: 18 Jul 2017 23:54

Tgt Ion: 136 Resp: 1086869

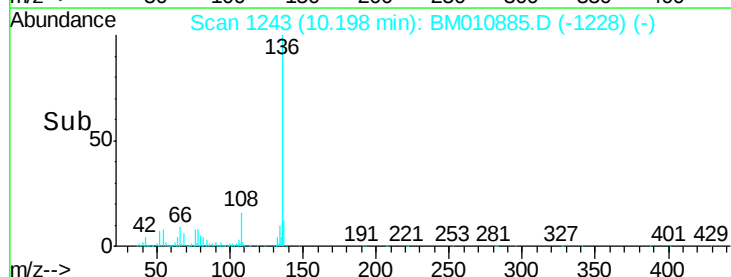
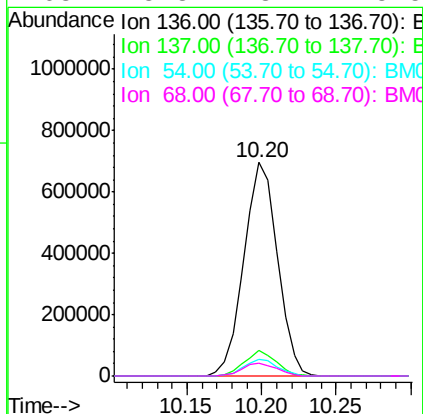
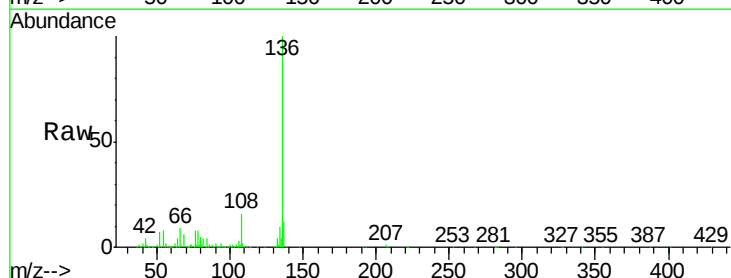
Ion Ratio Lower Upper

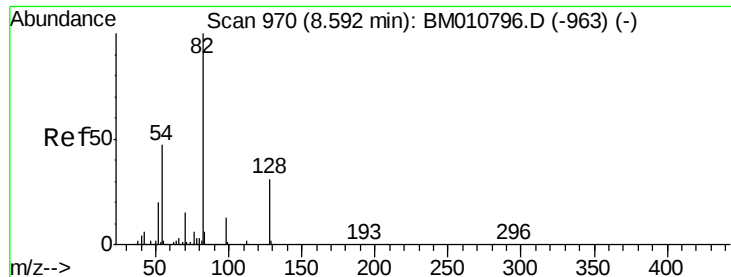
136 100

137 11.8 8.7 13.1

54 7.7 4.6 6.8#

68 5.8 3.7 5.5#

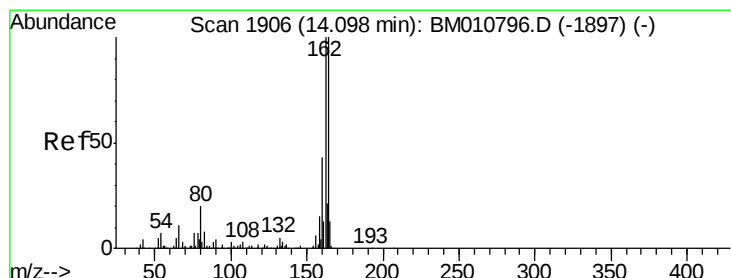
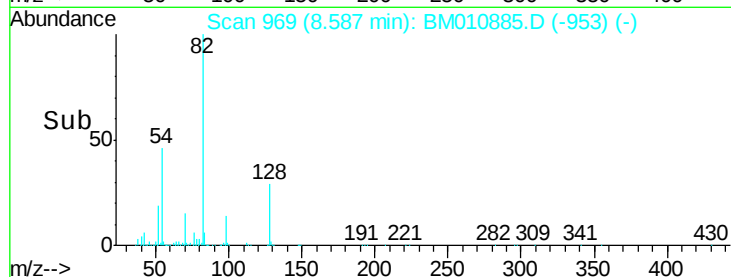
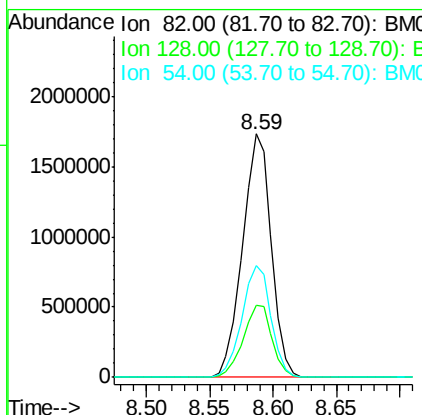
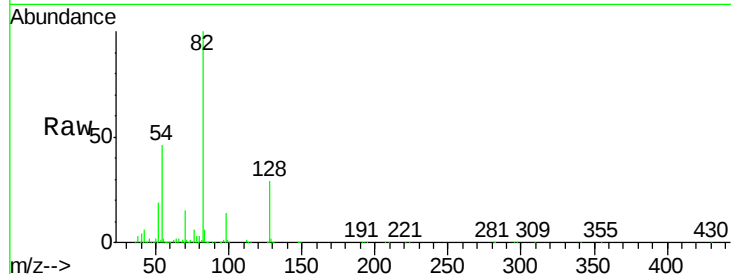




#23
 Nitrobenzene-d5
 Concen: 96.28 ng
 RT: 8.59 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BM010885.D
 Acq: 18 Jul 2017 23:54

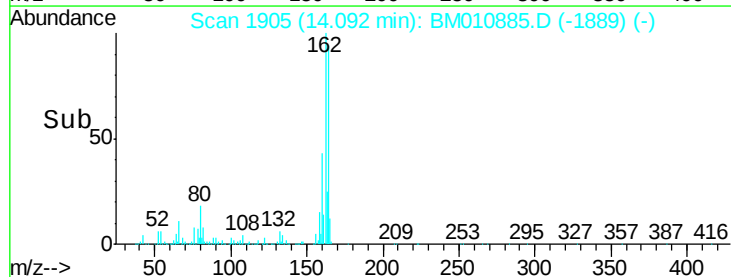
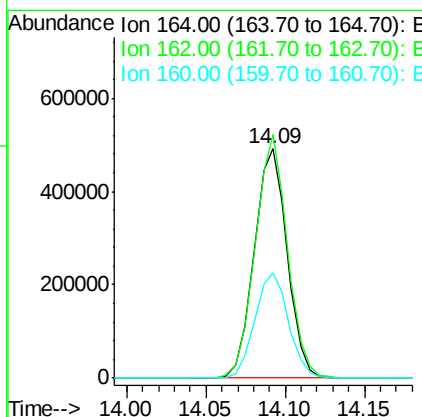
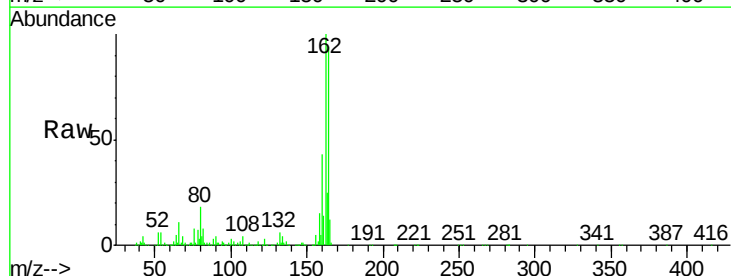
Instrument :
 BNA_M
 ClientSampleID :
 3575-DB

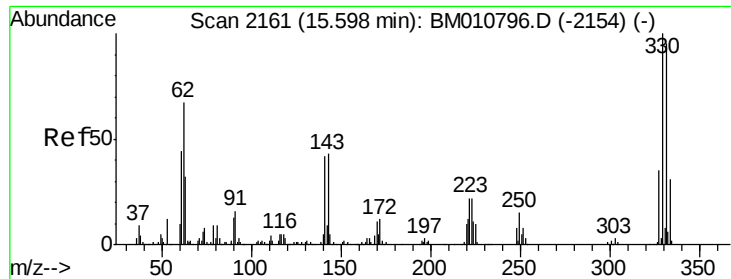
Tot Ion: 82 Resp: 2722395
 Ion Ratio Lower Upper
 82 100
 128 29.4 32.8 49.2#
 54 45.7 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM010885.D
 Acq: 18 Jul 2017 23:54

Tgt Ion: 164 Resp: 710280
 Ion Ratio Lower Upper
 164 100
 162 106.1 82.4 123.6
 160 45.9 35.8 53.6

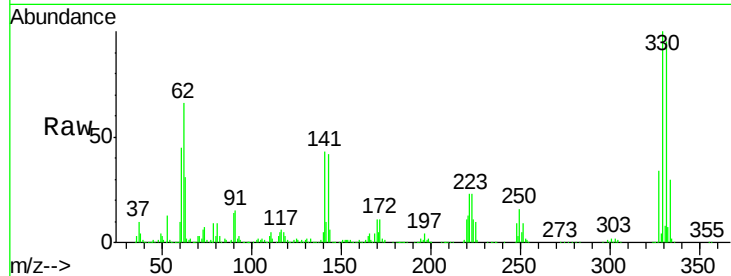




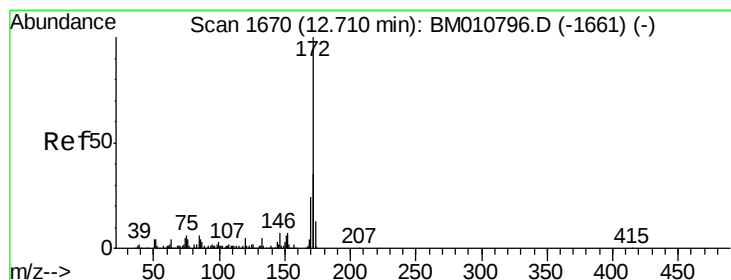
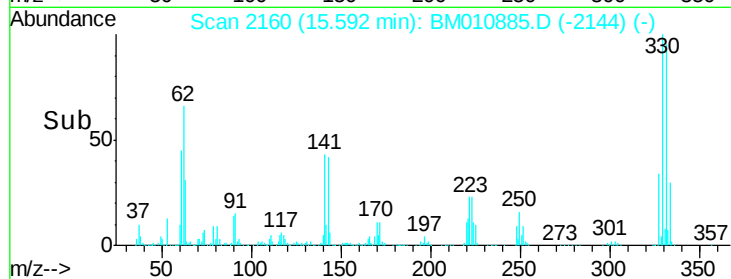
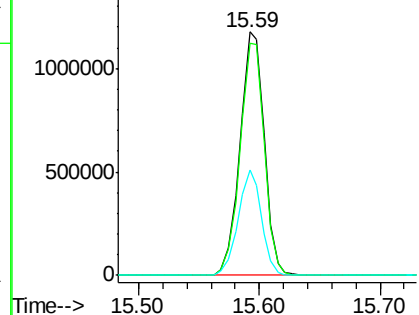
#41
 2,4,6-Tribromophenol
 Concen: 152.27 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010885.D
 Acq: 18 Jul 2017 23:54

Instrument :
 BNA_M
 ClientSampled :
 3575-DB

Tot Ion:330 Resp: 1652828
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 41.7 0.0 0.0#

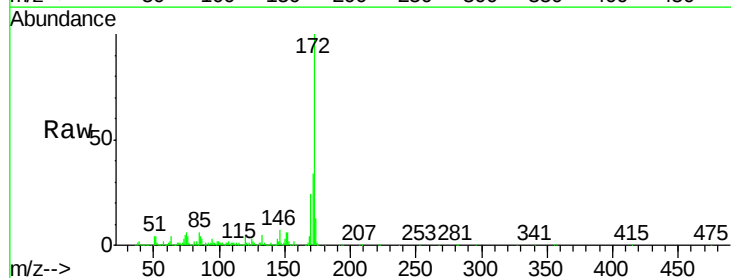


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

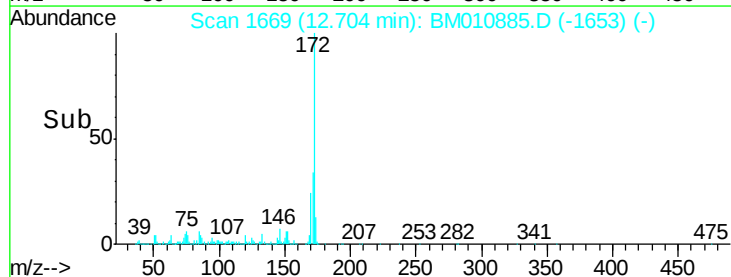
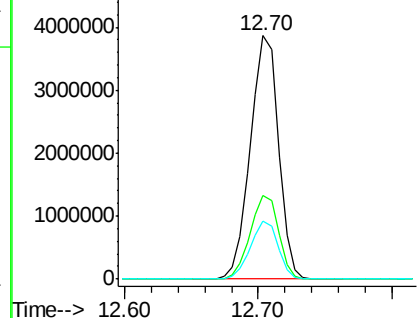


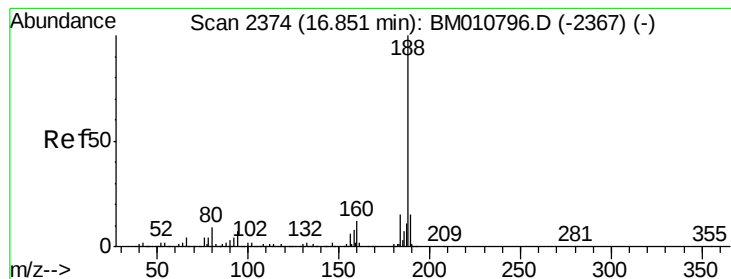
#44
 2-Fluorobiphenyl
 Concen: 97.97 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010885.D
 Acq: 18 Jul 2017 23:54

Tgt Ion:172 Resp: 5593731
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.5 42.7
 170 23.7 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: BM010885.D

Acq: 18 Jul 2017 23:54

Instrument :

BNA_M

ClientSampleId :

3575-DB

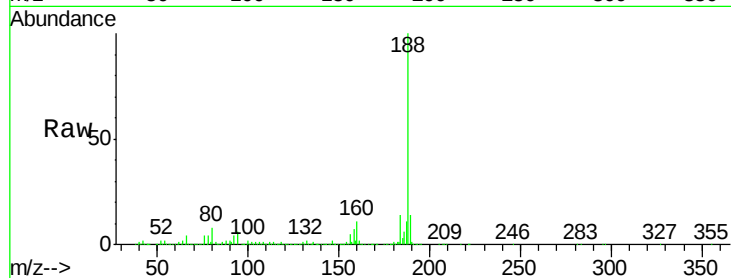
Tot Ion:188 Resp: 1688847

Ion Ratio Lower Upper

188 100

94 6.5 8.7 13.1#

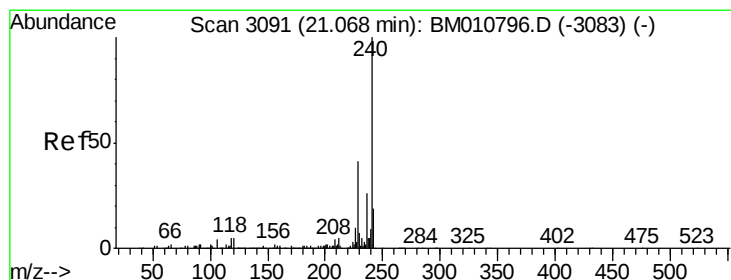
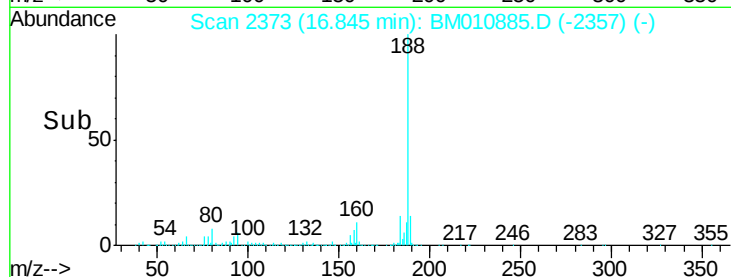
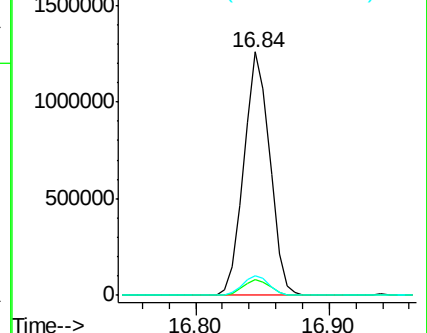
80 8.0 9.3 13.9#



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: BM010885.D

Acq: 18 Jul 2017 23:54

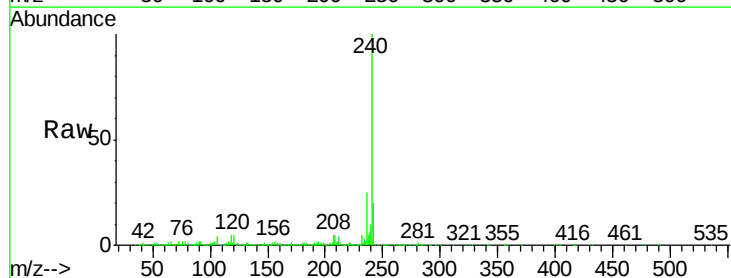
Tgt Ion:240 Resp: 1814665

Ion Ratio Lower Upper

240 100

120 5.2 8.2 12.2#

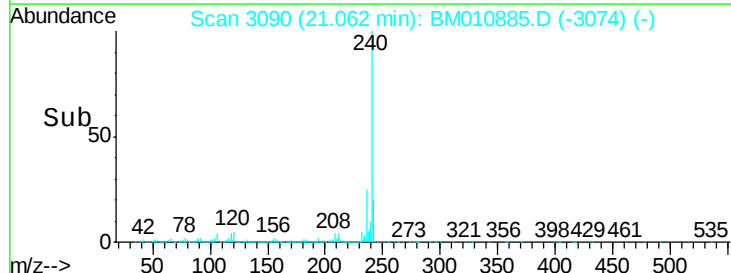
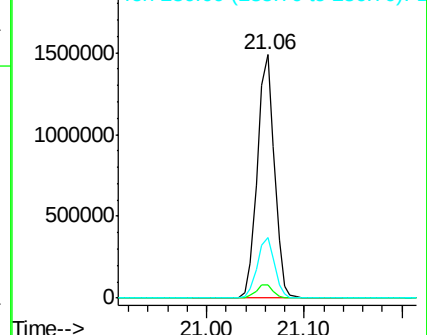
236 24.9 20.0 30.0

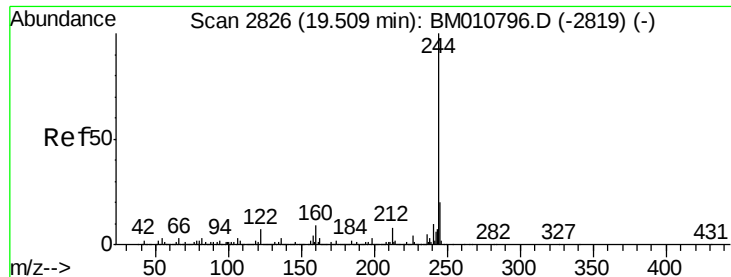


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.03 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010885.D

Acq: 18 Jul 2017 23:54

Instrument :

BNA_M

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3575-DB

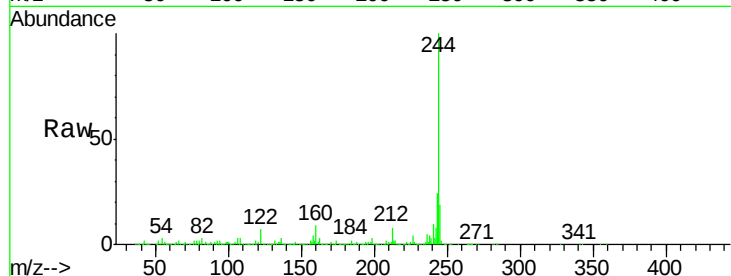
Tot Ion:244 Resp: 8165989

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

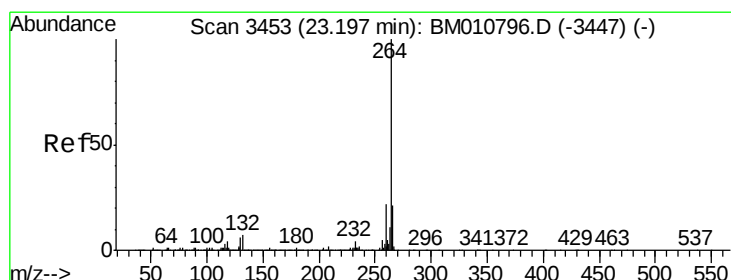
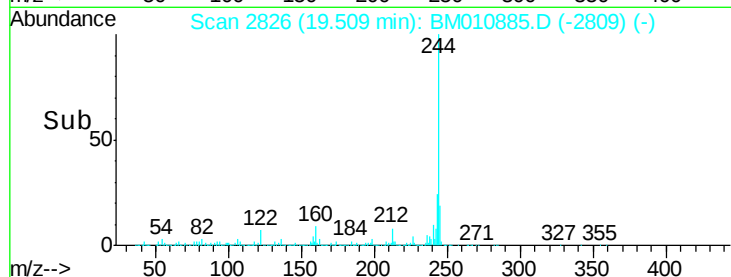
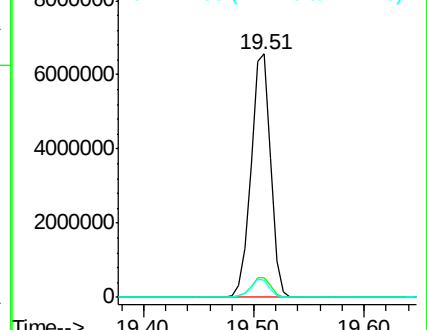
122 6.8 6.2 9.4



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: BM010885.D

Acq: 18 Jul 2017 23:54

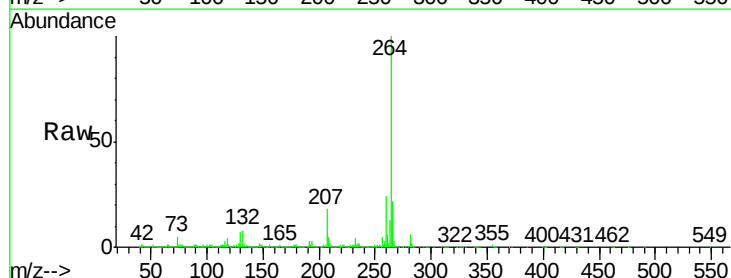
Tgt Ion:264 Resp: 1490524

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 21.5 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

