

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071917\
 Data File : BM010897.D
 Acq On : 19 Jul 2017 17:26
 Operator : SJ/JU
 Sample : I4245-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 20 01:09:36 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	180905	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	646278	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	396989	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	886413	20.00	ng	0.00
75) Chrysene-d12	21.06	240	909218	20.00	ng	0.00
86) Perylene-d12	23.19	264	913458	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1372466	125.67	ng	0.00
7) Phenol-d6	6.64	99	1650535	109.63	ng	0.00
23) Nitrobenzene-d5	8.59	82	1551420	92.27	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	805422	132.76	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3022108	94.70	ng	0.00
78) Terphenyl-d14	19.50	244	4132617	87.91	ng	0.00

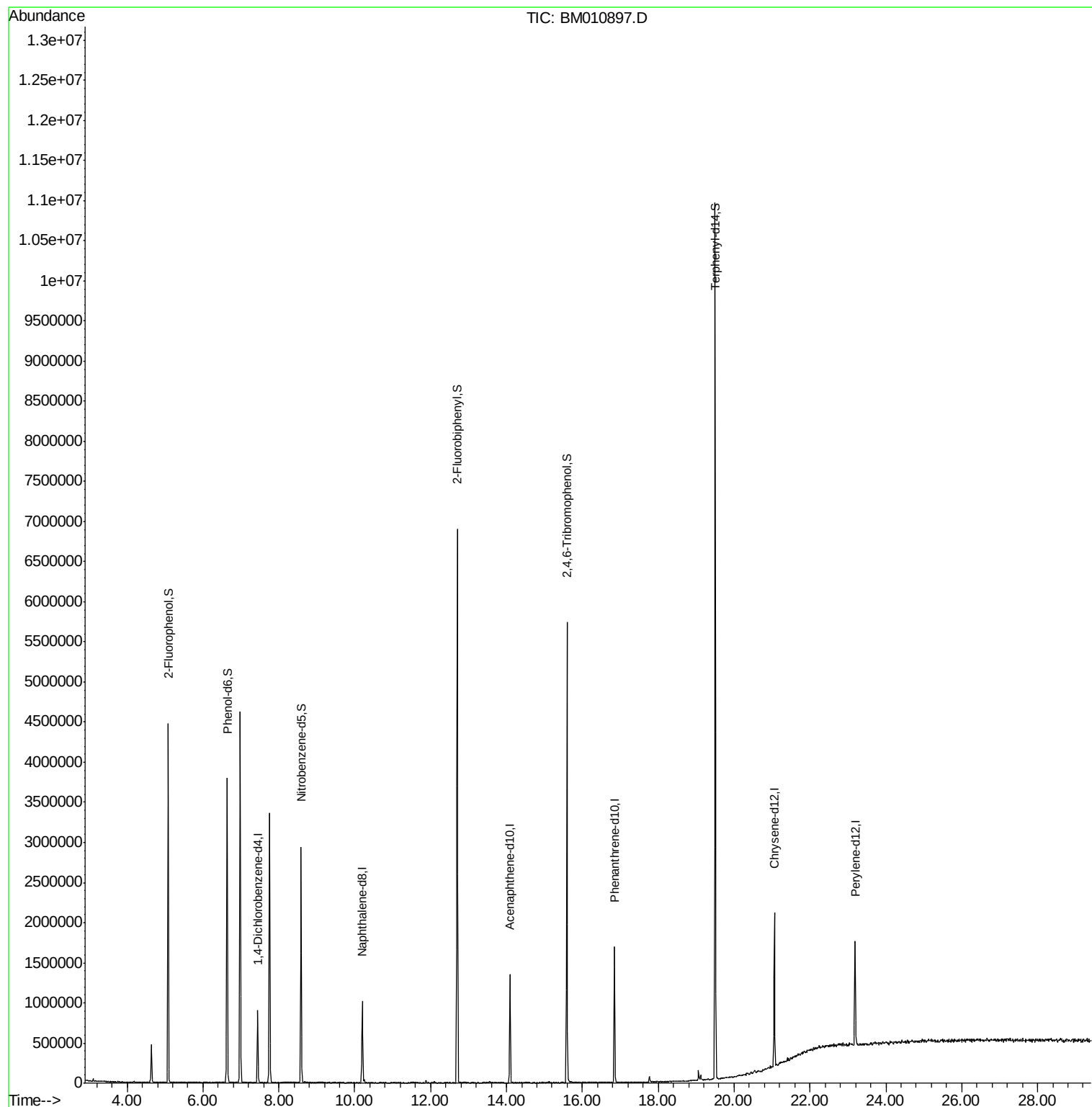
Target Compounds Qvalue

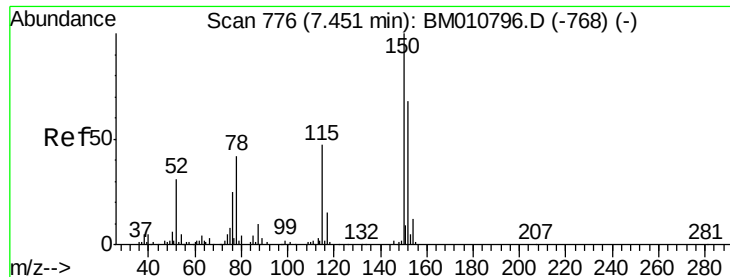
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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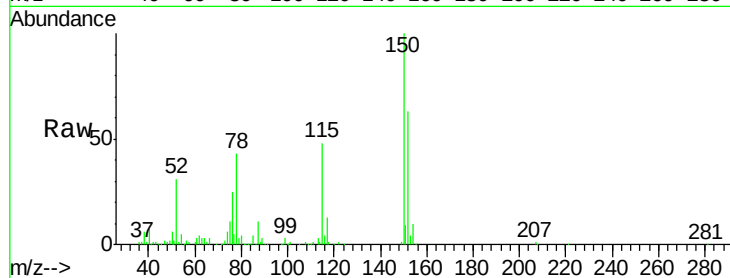


#1

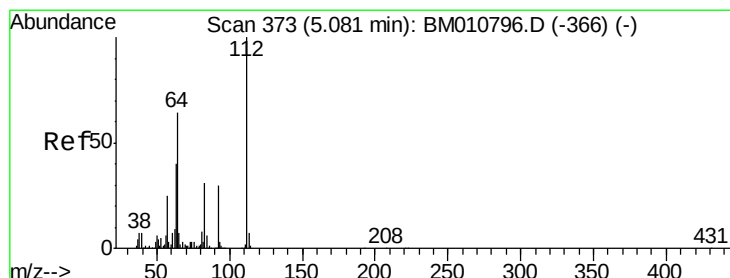
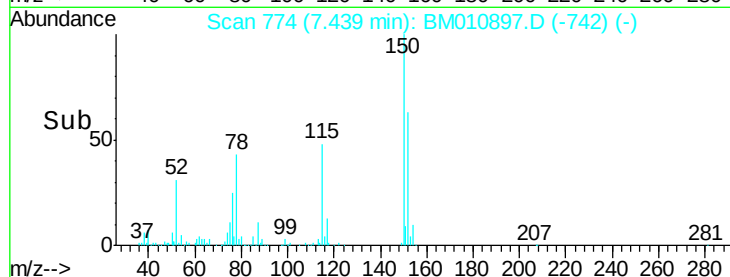
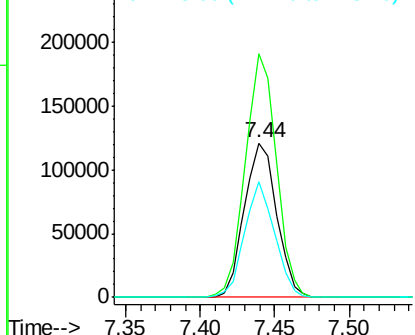
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010897.D
Acq: 19 Jul 2017 17:26

Instrument :
BNA_M
ClientSampled :

Tot Ion	152	Resp	180905
Ion	Ratio	Lower	Upper
152	100		
150	158.1	119.5	179.3
115	75.2	43.0	64.4#



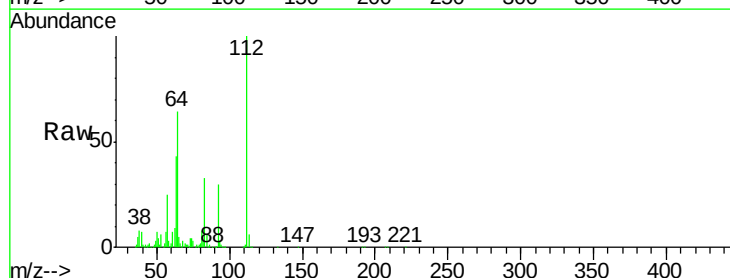
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



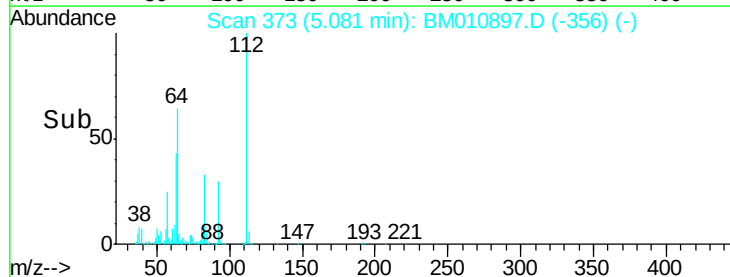
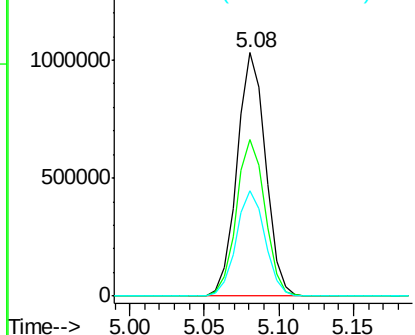
#5

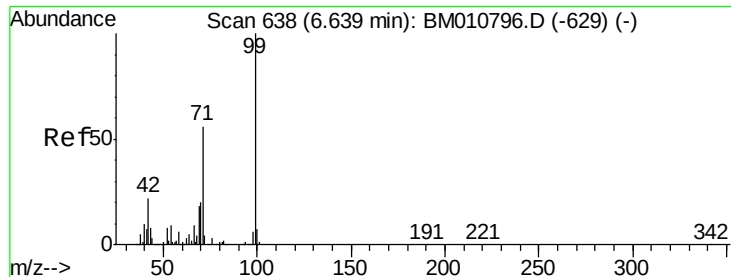
2-Fluorophenol
Concen: 125.67 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010897.D
Acq: 19 Jul 2017 17:26

Tgt Ion	112	Resp	1372466
Ion	Ratio	Lower	Upper
112	100		
64	64.5	38.6	57.8#
63	43.1	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





#7

Phenol-d6

Concen: 109.63 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010897.D

Acq: 19 Jul 2017 17:26

Instrument :

BNA_M

ClientSampled :

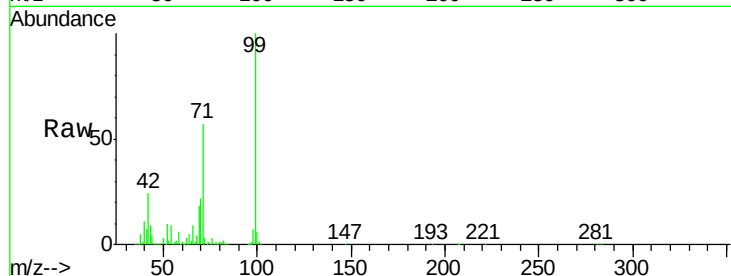
Tot Ion: 99 Resp: 1650535

Ion Ratio Lower Upper

99 100

42 24.2 11.0 16.4#

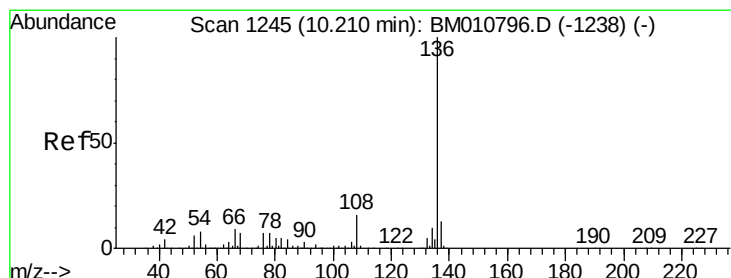
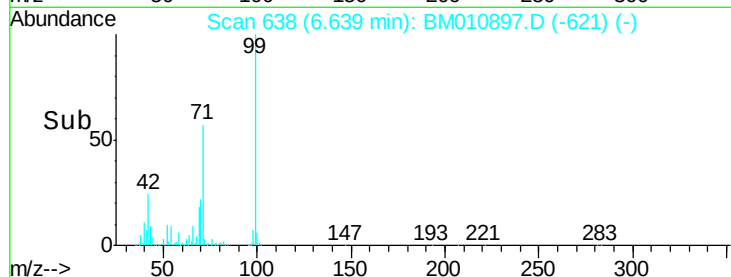
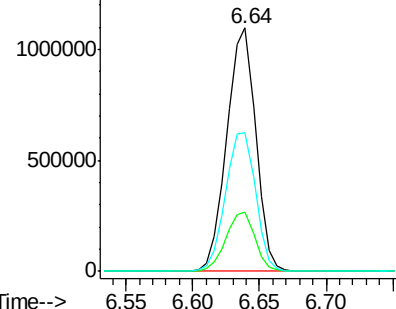
71 57.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010897.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010897.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010897.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM010897.D

Acq: 19 Jul 2017 17:26

Tgt Ion: 136 Resp: 646278

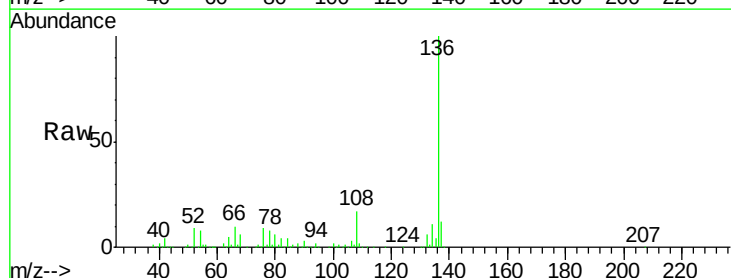
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 7.7 4.6 6.8#

68 6.1 3.7 5.5#

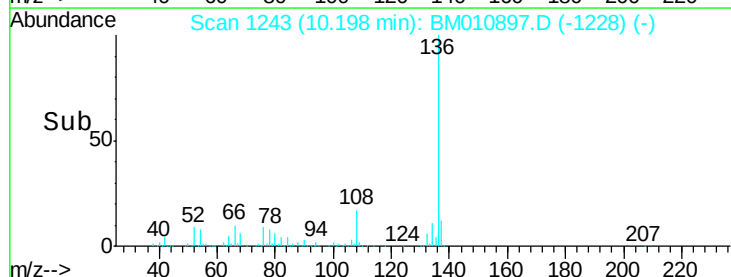
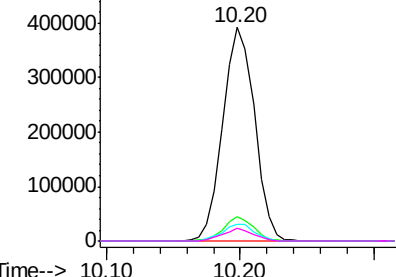


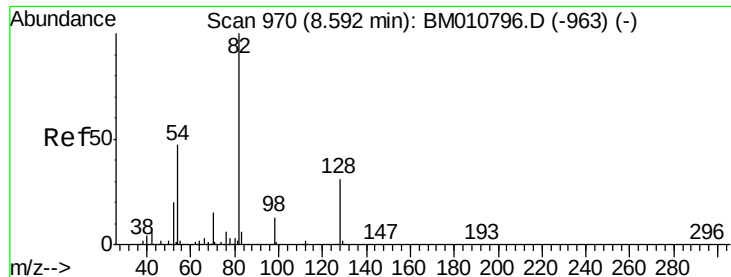
Abundance Ion 136.00 (135.70 to 136.70): BM010897.D (-1228) (-)

Ion 137.00 (136.70 to 137.70): BM010897.D (-1228) (-)

Ion 54.00 (53.70 to 54.70): BM010897.D (-1228) (-)

Ion 68.00 (67.70 to 68.70): BM010897.D (-1228) (-)





#23

Nitrobenzene-d5

Concen: 92.27 ng

RT: 8.59 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM010897.D

Acq: 19 Jul 2017 17:26

Instrument :

BNA_M

ClientSampled :

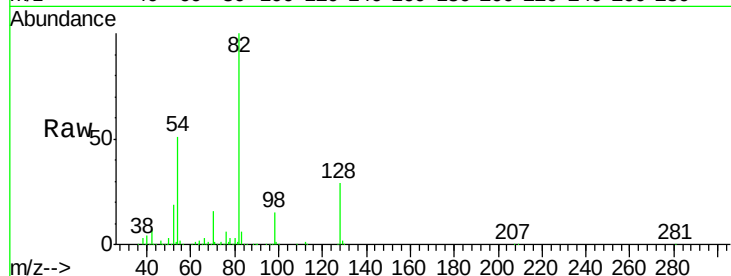
Tot Ion: 82 Resp: 1551420

Ion Ratio Lower Upper

82 100

128 28.9 32.8 49.2#

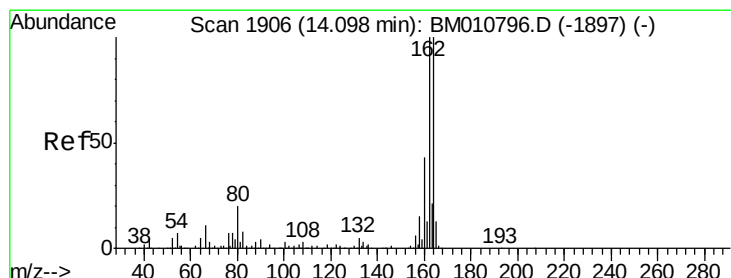
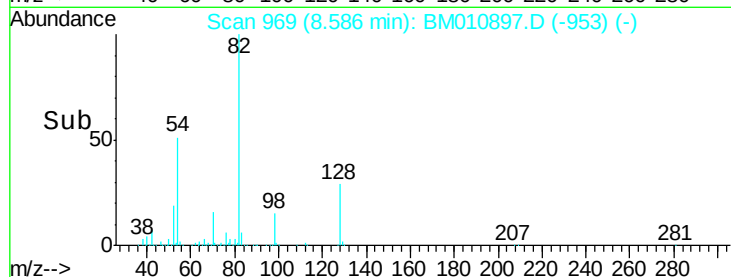
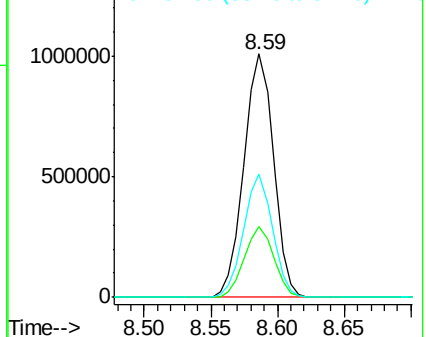
54 50.6 40.6 60.8



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) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM010897.D

Acq: 19 Jul 2017 17:26

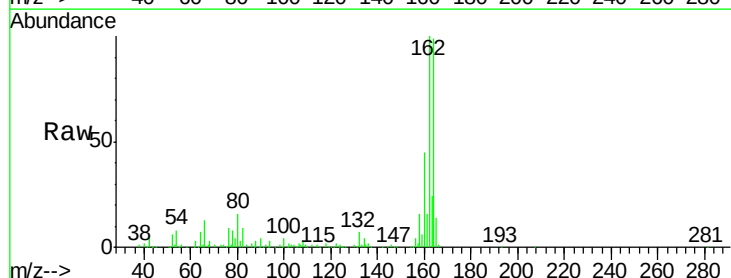
Tgt Ion:164 Resp: 396989

Ion Ratio Lower Upper

164 100

162 101.2 82.4 123.6

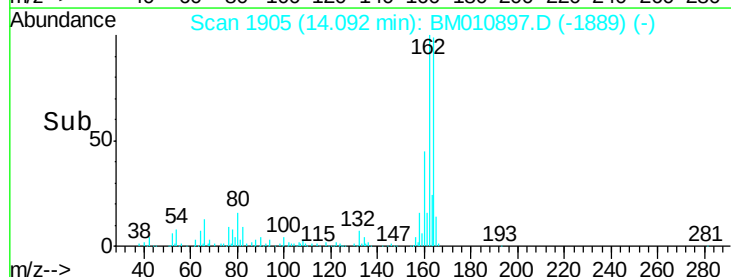
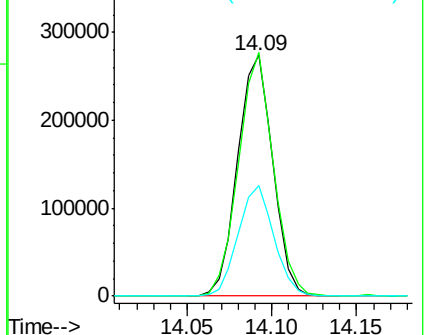
160 45.7 35.8 53.6

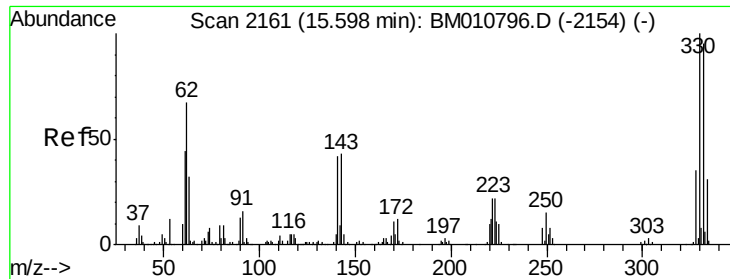


Abundance Ion 164.00 (163.70 to 164.70): BM010796.D (-1897) (-)

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

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

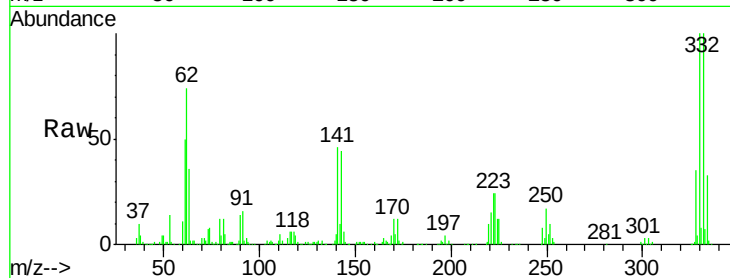




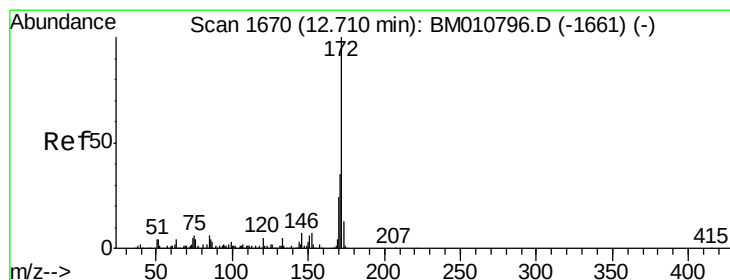
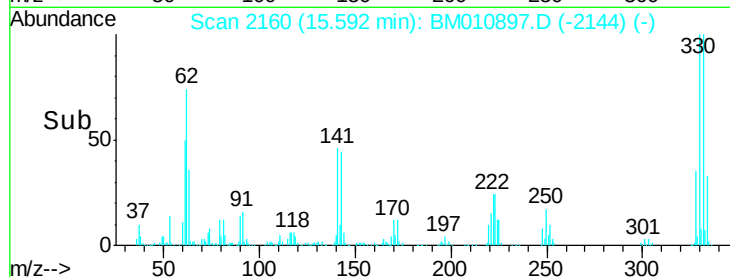
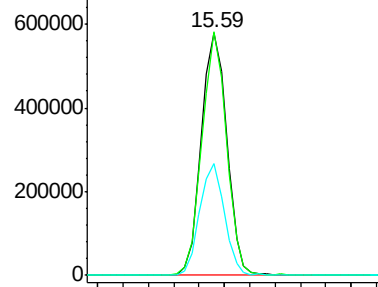
#41
 2,4,6-Tribromophenol
 Concen: 132.76 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010897.D
 Acq: 19 Jul 2017 17:26

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	44.8	0.0	0.0#

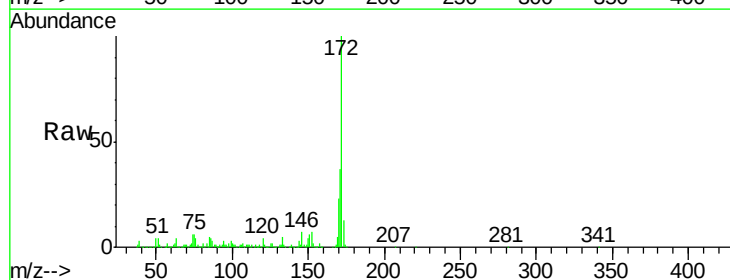


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

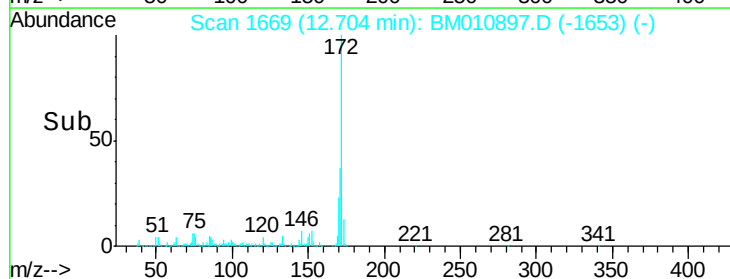
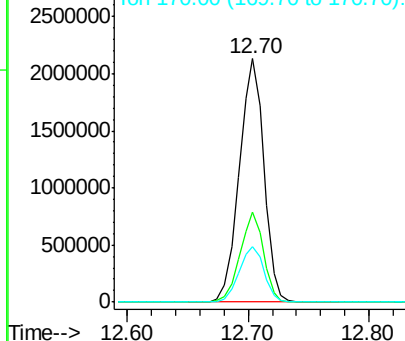


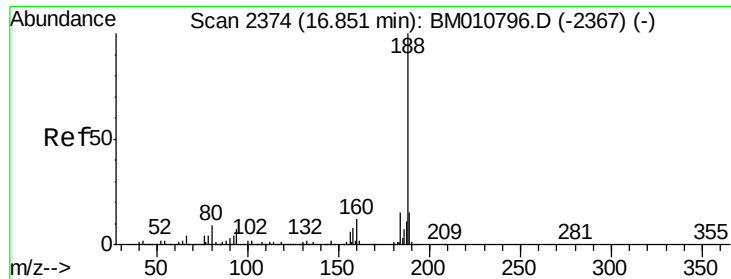
#44
 2-Fluorobiphenyl
 Concen: 94.70 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010897.D
 Acq: 19 Jul 2017 17:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.5	42.7
170	22.9	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

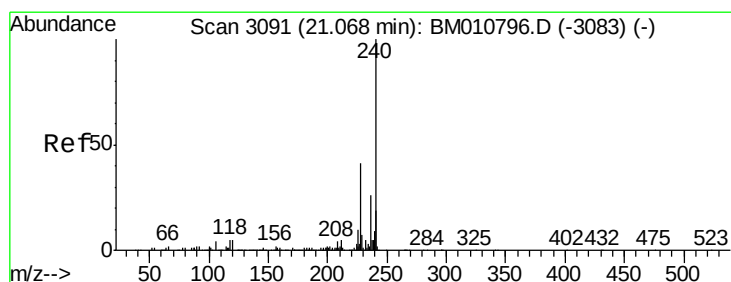
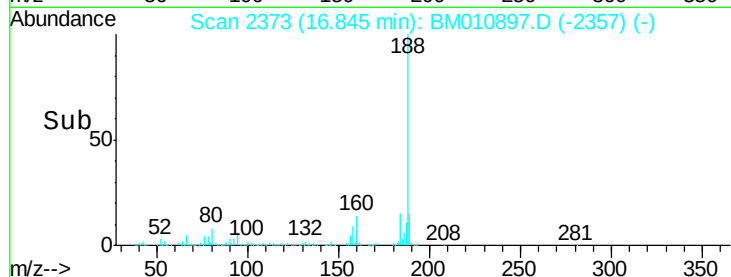
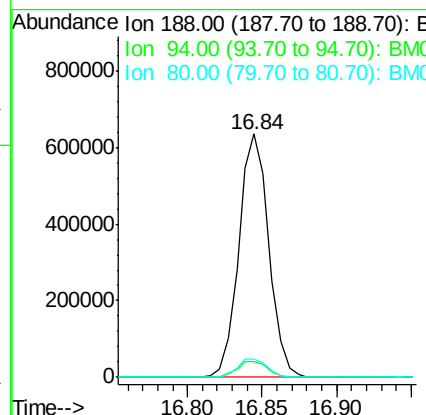
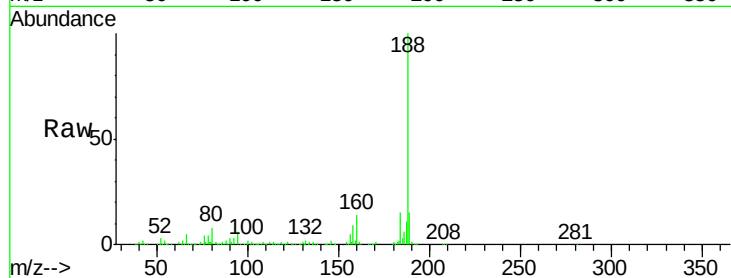




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010897.D
Acq: 19 Jul 2017 17:26

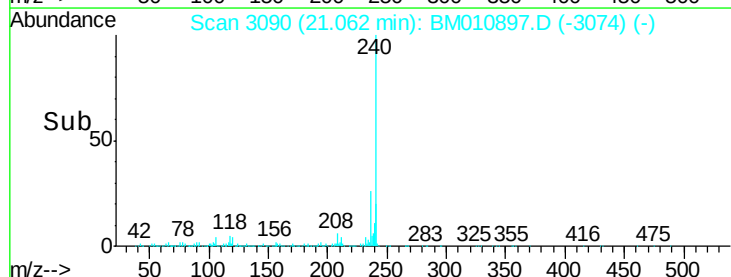
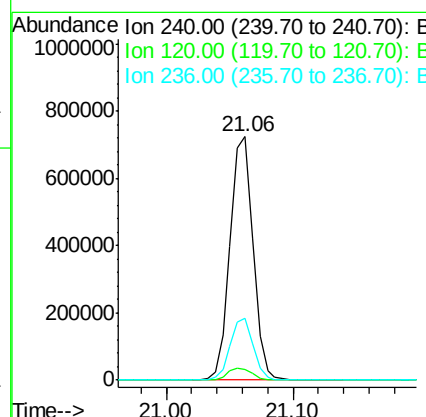
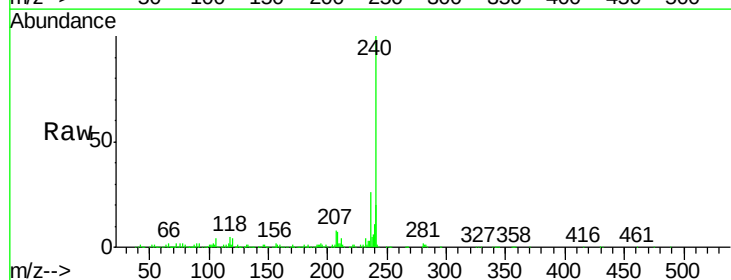
Instrument :
BNA_M
ClientSampleId :

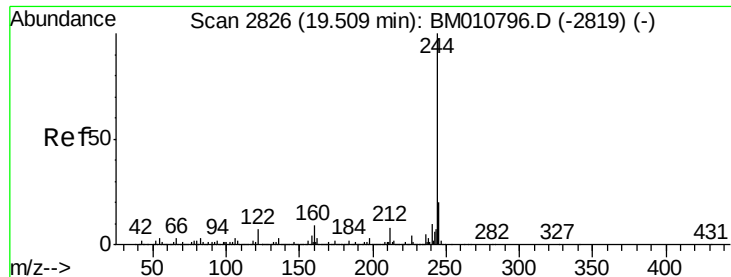
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.4	8.7	13.1#
80	7.8	9.3	13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010897.D
Acq: 19 Jul 2017 17:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.2	8.2	12.2#
236	25.6	20.0	30.0





#78

Terphenyl-d14

Concen: 87.91 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010897.D

Acq: 19 Jul 2017 17:26

Instrument :

BNA_M

ClientSampleId :

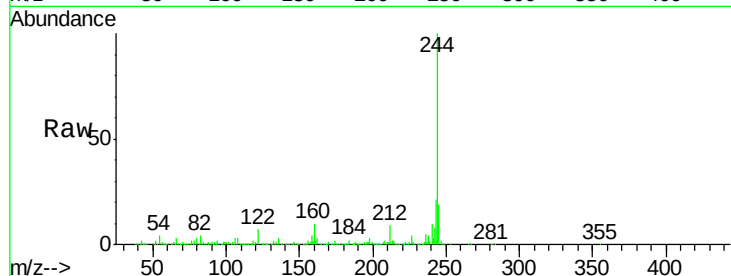
Tot Ion:244 Resp: 4132617

Ion Ratio Lower Upper

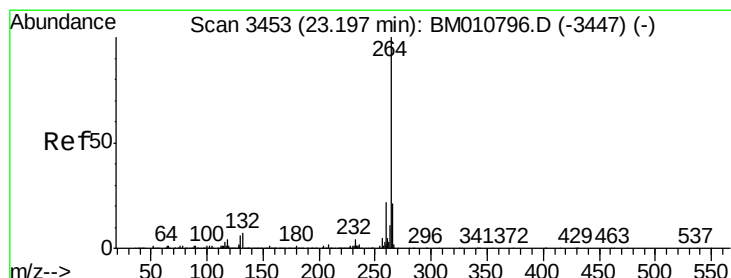
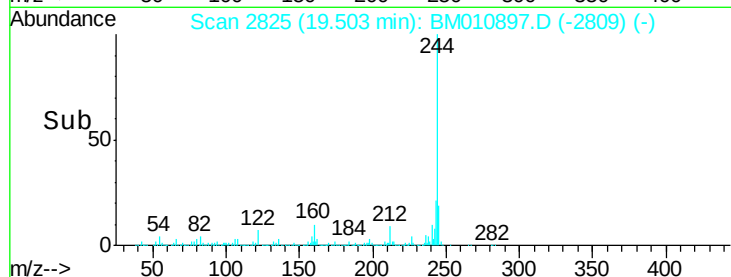
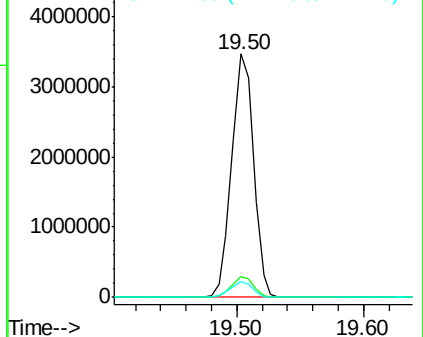
244 100

212 8.5 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: BM010897.D

Acq: 19 Jul 2017 17:26

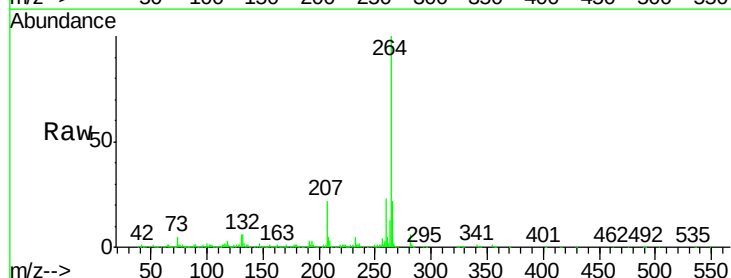
Tgt Ion:264 Resp: 913458

Ion Ratio Lower Upper

264 100

260 23.2 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

