

Data File : BM010929.D
Acq On : 21 Jul 2017 03:29
Operator : SJ/JU
Sample : I4258-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-02-071817-A

Quant Time: Jul 21 04:38:07 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	7.43	152	183885	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	671336	20.00	ng	-0.02
38) Acenaphthene-d10	14.09	164	417123	20.00	ng	-0.01
63) Phenanthrene-d10	16.84	188	986554	20.00	ng	-0.01
75) Chrysene-d12	21.06	240	951633	20.00	ng	-0.01
86) Perylene-d12	23.19	264	964355	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1571050	141.52	ng	0.00
7) Phenol-d6	6.63	99	1897063	123.96	ng	0.00
23) Nitrobenzene-d5	8.58	82	1806726	103.44	ng	-0.01
41) 2,4,6-Tribromophenol	15.59	330	921541	144.57	ng	-0.01
44) 2-Fluorobiphenyl	12.70	172	3506919	104.59	ng	-0.01
78) Terphenyl-d14	19.50	244	4501865	91.50	ng	0.00
Target Compounds						
76) Benzidine	19.12	184	261373	10.26	ng	Qvalue 98

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

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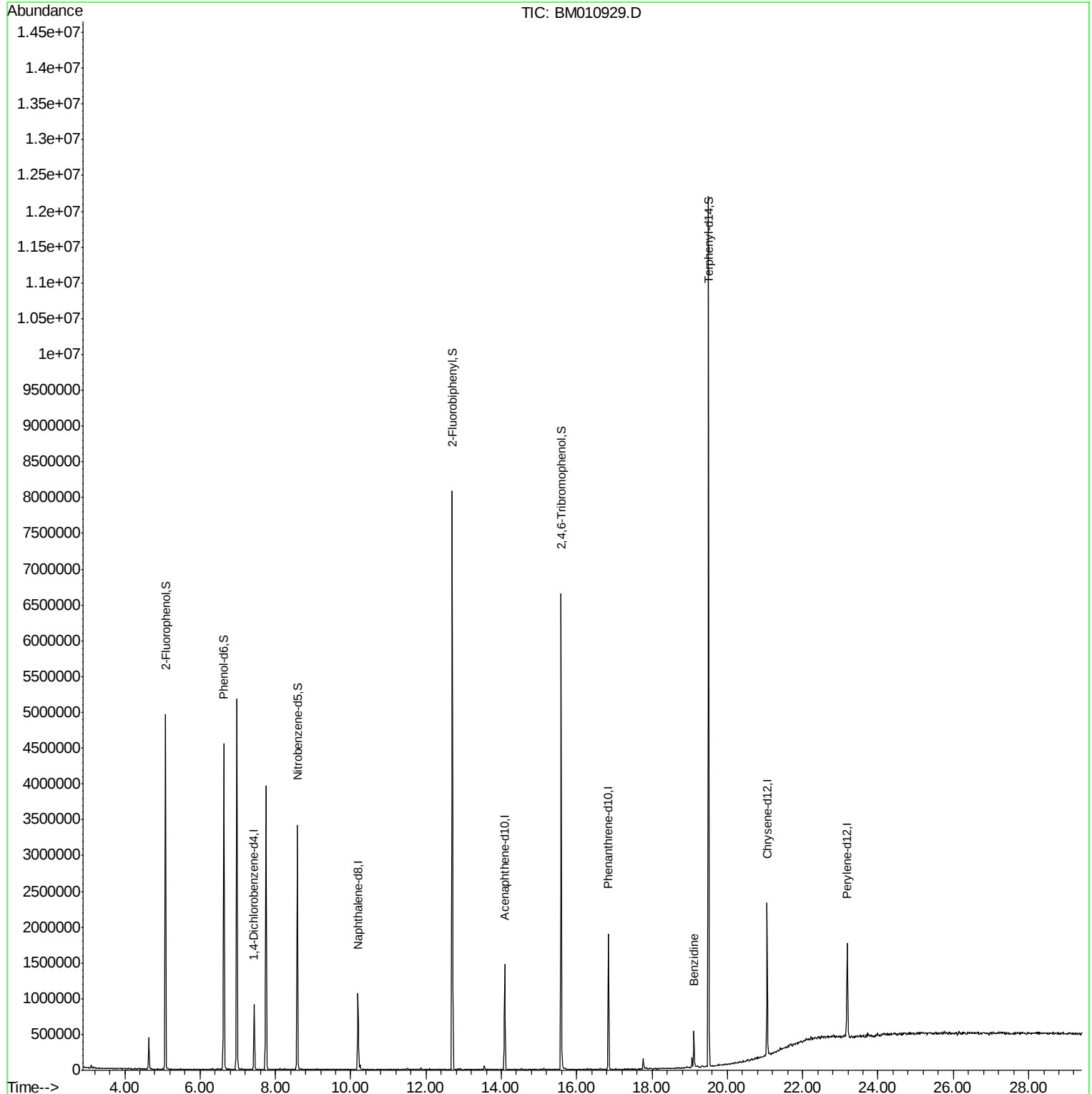
Quant Time: Jul 21 04:38:07 2017

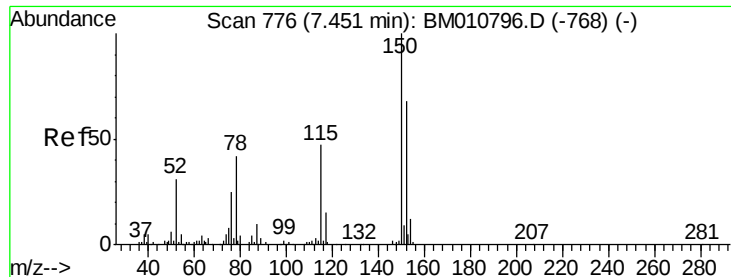
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jul 12 14:21:16 2017

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.43 min Scan# 773

Delta R.T. -0.02 min

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ClientSampleId :

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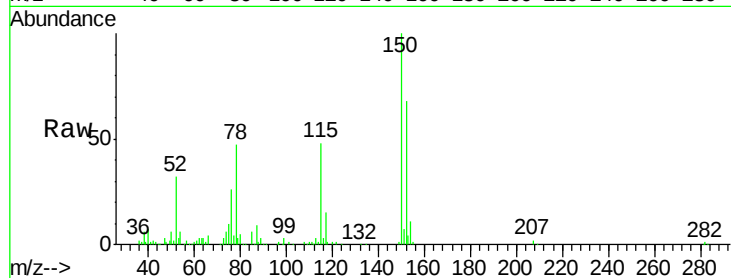
Tgt Ion:152 Resp: 183885

Ion Ratio Lower Upper

152 100

150 147.4 119.5 179.3

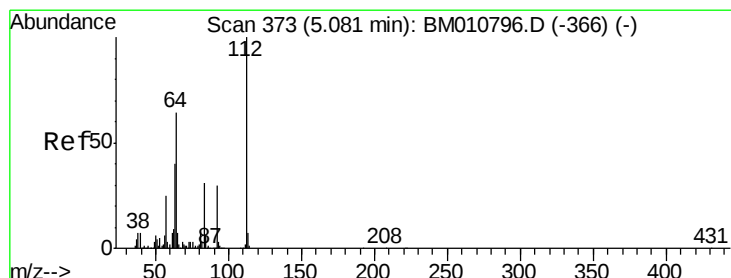
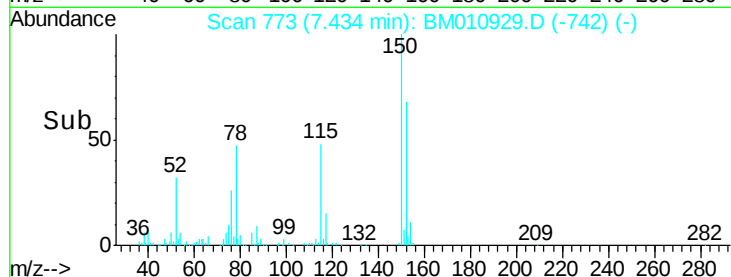
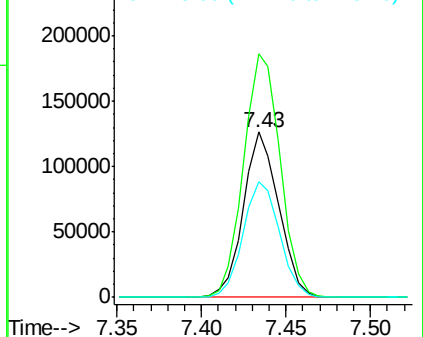
115 70.0 43.0 64.4#



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: 141.52 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM010929.D

Acq: 21 Jul 2017 03:29

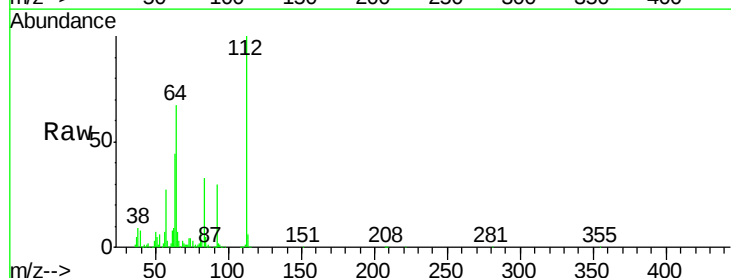
Tgt Ion:112 Resp: 1571050

Ion Ratio Lower Upper

112 100

64 67.1 38.6 57.8#

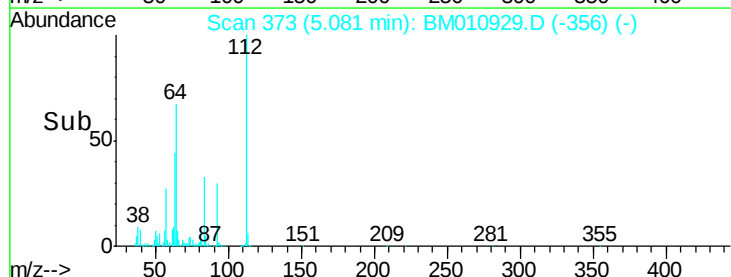
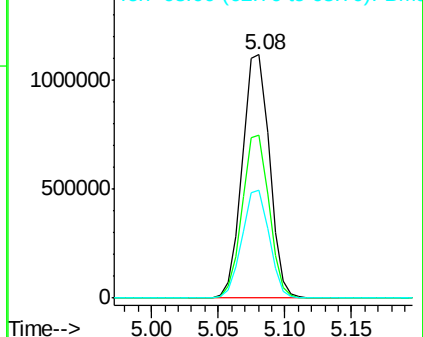
63 44.4 19.3 28.9#

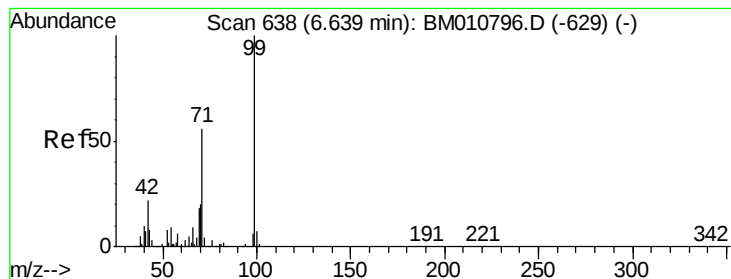


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 123.96 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

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ClientSampleId :

OK-02-071817-A

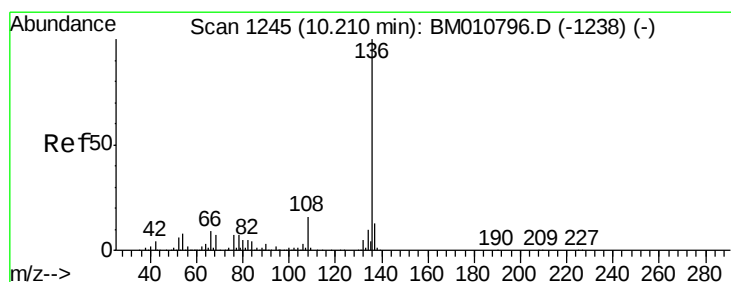
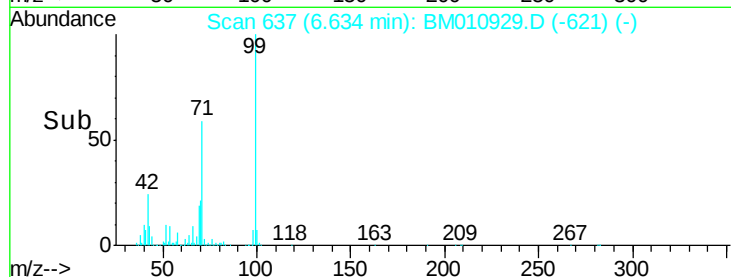
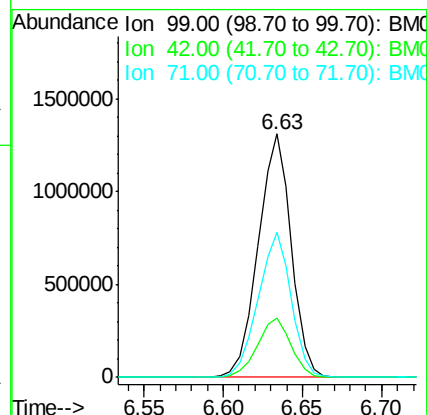
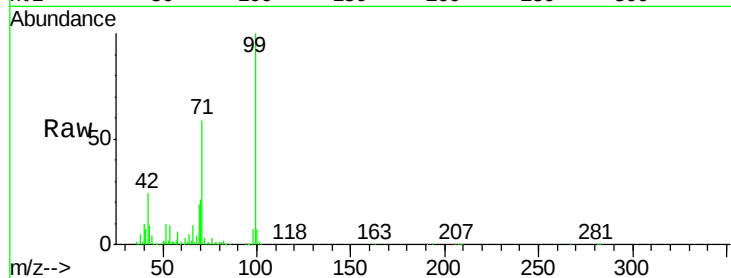
Tgt Ion: 99 Resp: 1897063

Ion Ratio Lower Upper

99 100

42 24.1 11.0 16.4#

71 59.3 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.19 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BM010929.D

Acq: 21 Jul 2017 03:29

Tgt Ion: 136 Resp: 671336

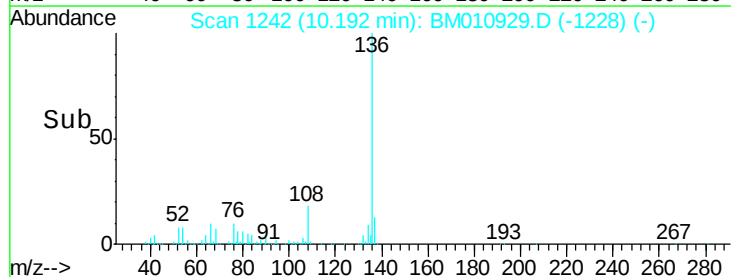
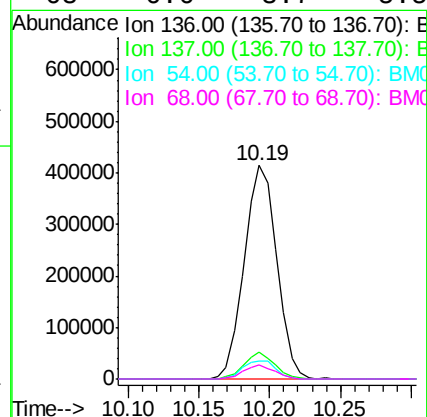
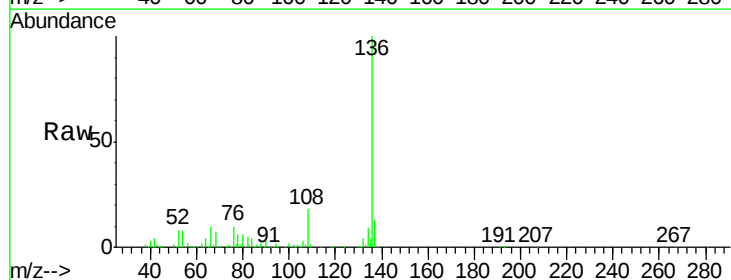
Ion Ratio Lower Upper

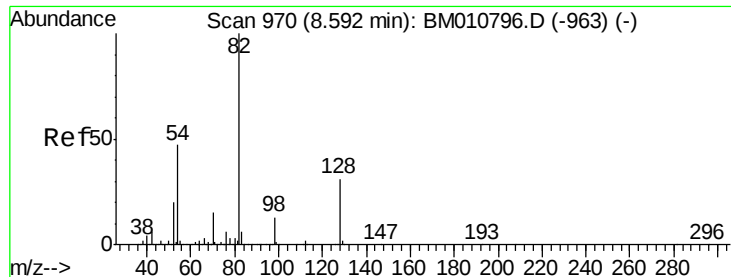
136 100

137 12.6 8.7 13.1

54 8.1 4.6 6.8#

68 6.6 3.7 5.5#

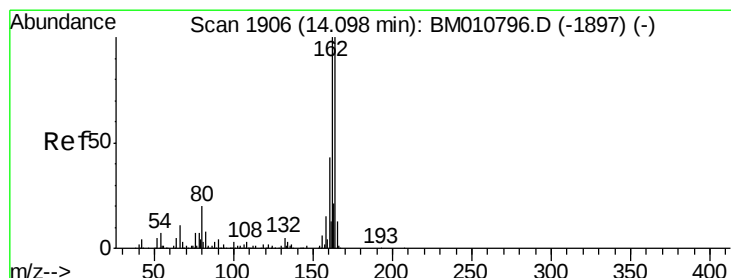
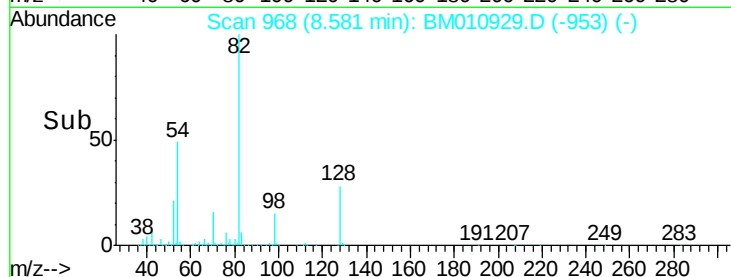
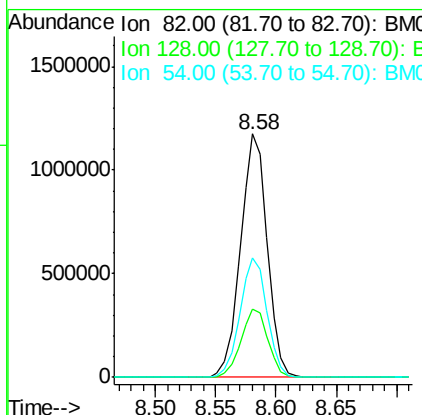
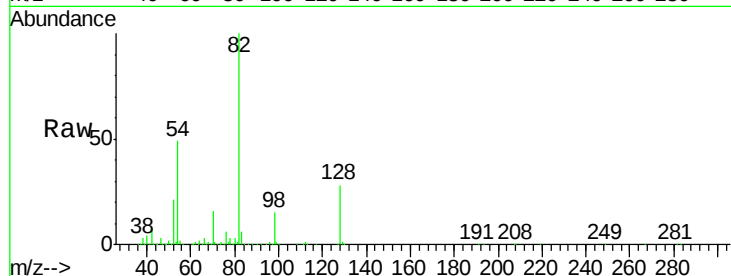




#23
 Nitrobenzene-d5
 Concen: 103.44 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM010929.D
 Acq: 21 Jul 2017 03:29

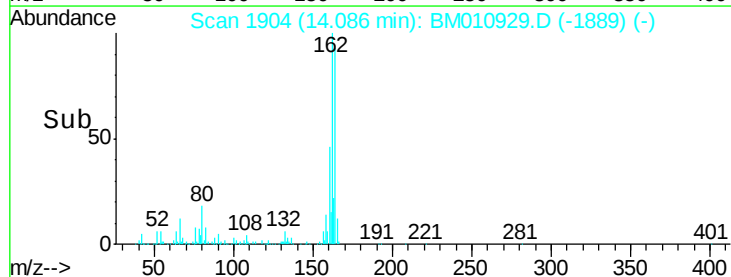
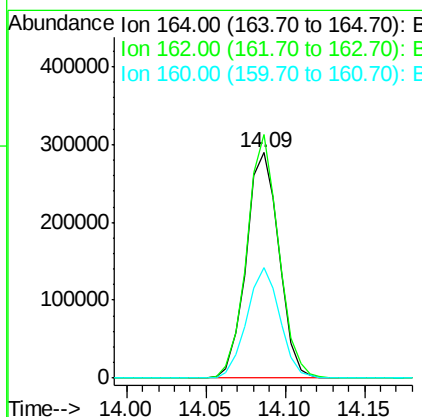
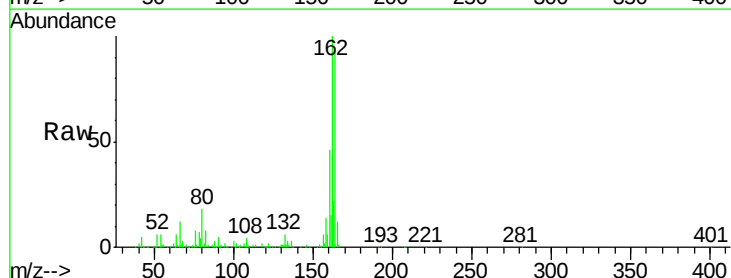
Instrument :
 BNA_M
 ClientSampleId :
 OK-02-071817-A

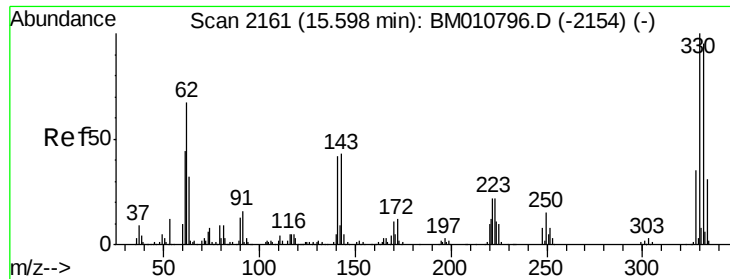
Tgt Ion: 82 Resp: 1806726
 Ion Ratio Lower Upper
 82 100
 128 27.8 32.8 49.2#
 54 49.3 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BM010929.D
 Acq: 21 Jul 2017 03:29

Tgt Ion: 164 Resp: 417123
 Ion Ratio Lower Upper
 164 100
 162 107.9 82.4 123.6
 160 49.2 35.8 53.6

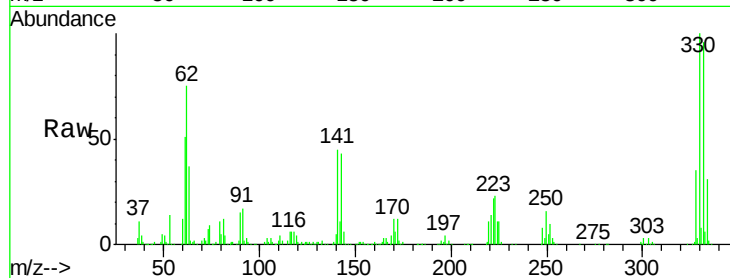




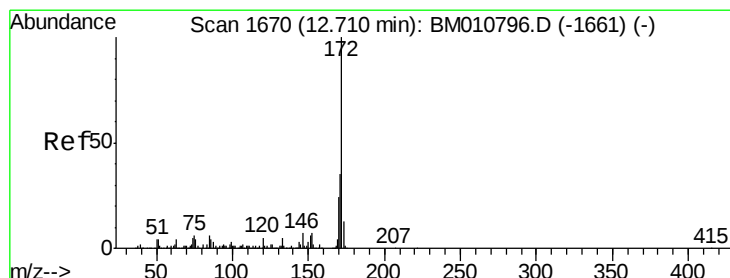
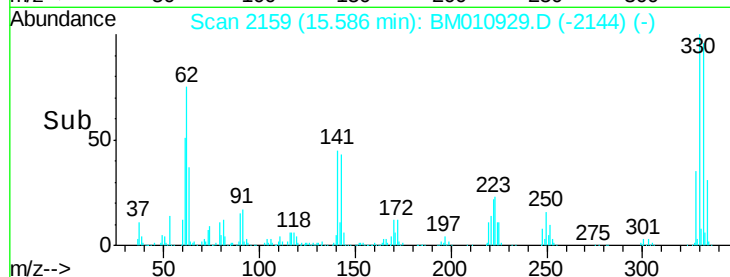
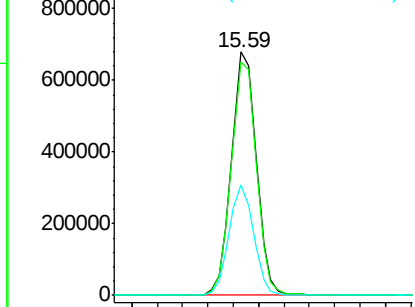
#41
 2,4,6-Tribromophenol
 Concen: 144.57 ng
 RT: 15.59 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM010929.D
 Acq: 21 Jul 2017 03:29

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-071817-A

Tgt Ion:330 Resp: 921541
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 44.7 0.0 0.0#

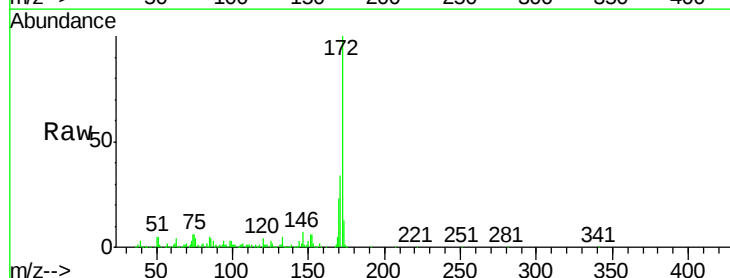


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

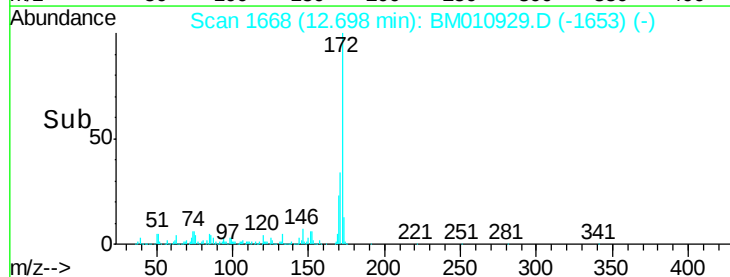
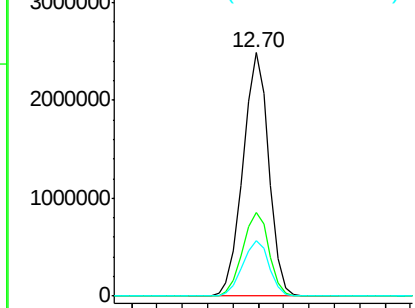


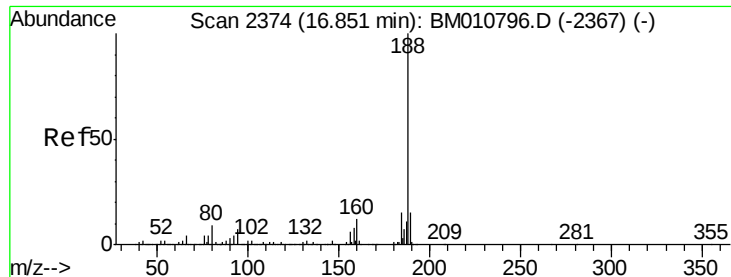
#44
 2-Fluorobiphenyl
 Concen: 104.59 ng
 RT: 12.70 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM010929.D
 Acq: 21 Jul 2017 03:29

Tgt Ion:172 Resp: 3506919
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.5 42.7
 170 23.0 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

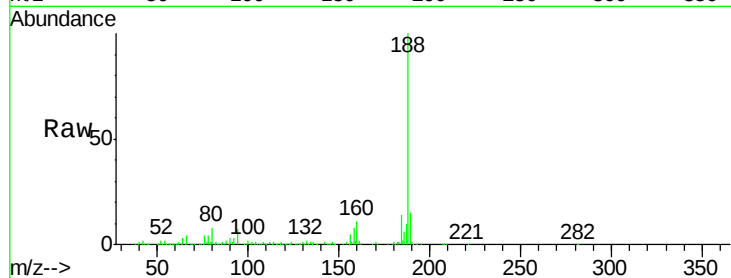




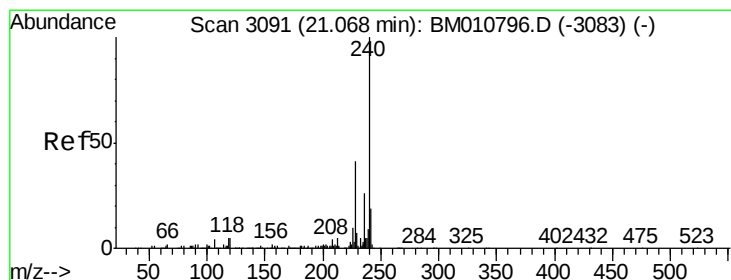
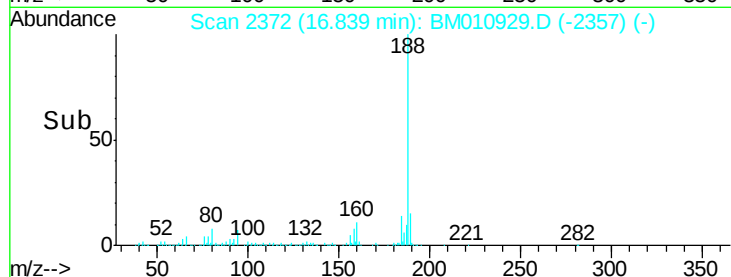
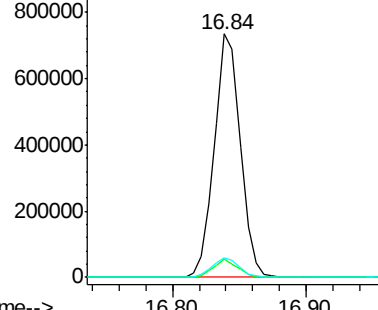
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM010929.D
Acq: 21 Jul 2017 03:29

Instrument :
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Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.7	13.1#
80	8.1	9.3	13.9#

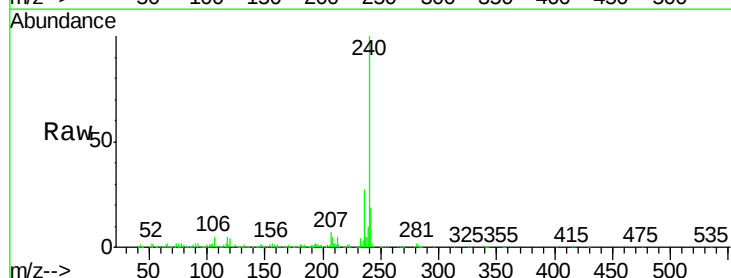


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

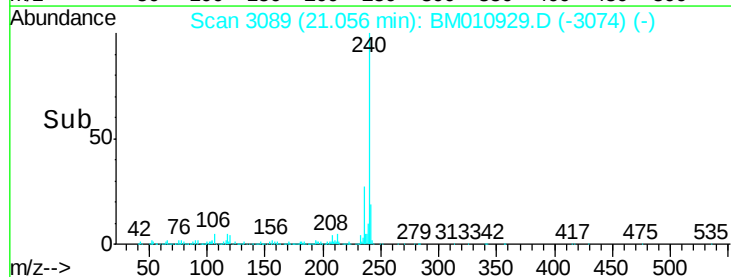
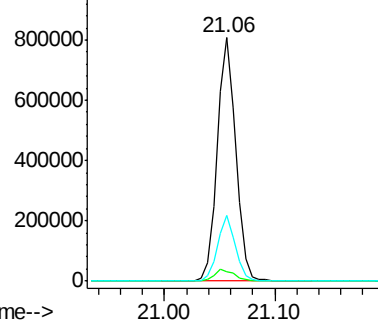


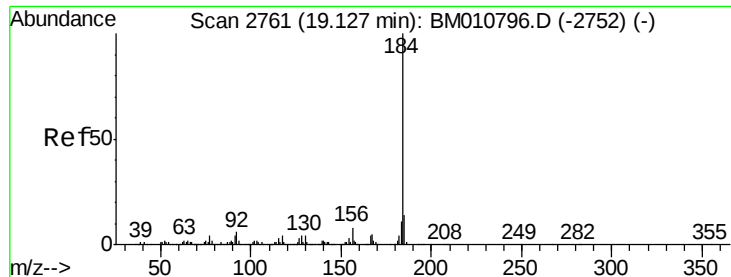
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM010929.D
Acq: 21 Jul 2017 03:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.1	8.2	12.2#
236	26.8	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





#76

Benzidine

Concen: 10.26 ng

RT: 19.12 min Scan# 2759

Delta R.T. -0.01 min

Lab File: BM010929.D

Acq: 21 Jul 2017 03:29

Instrument :

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ClientSampleId :

OK-02-071817-A

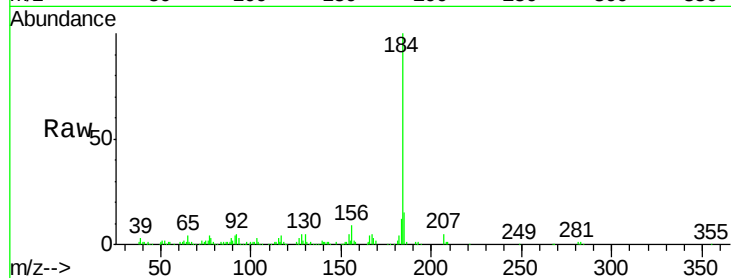
Tgt Ion:184 Resp: 261373

Ion Ratio Lower Upper

184 100

185 14.8 11.3 16.9

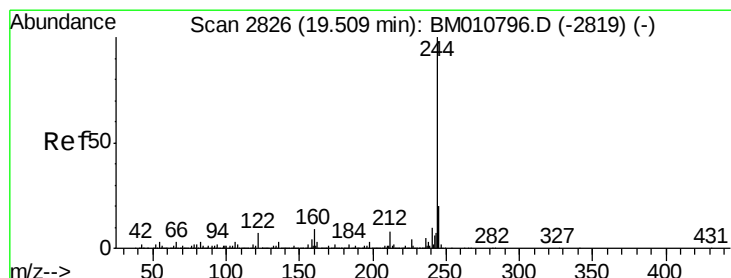
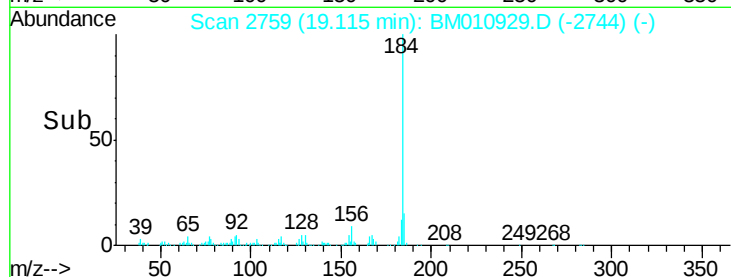
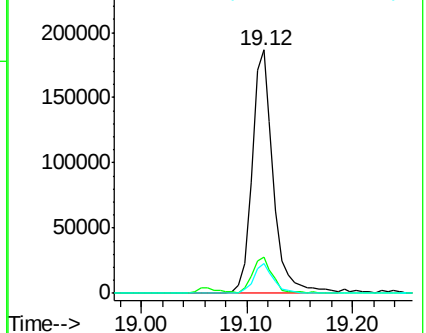
183 12.1 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 91.50 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010929.D

Acq: 21 Jul 2017 03:29

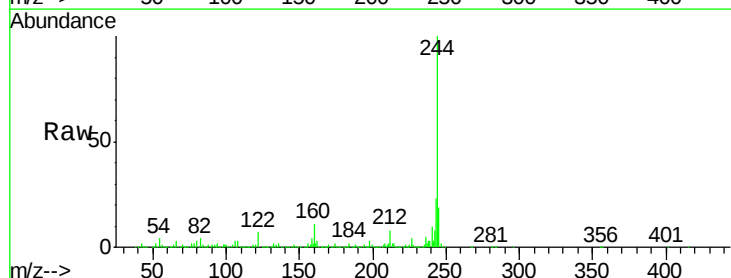
Tgt Ion:244 Resp: 4501865

Ion Ratio Lower Upper

244 100

212 8.5 4.9 7.3#

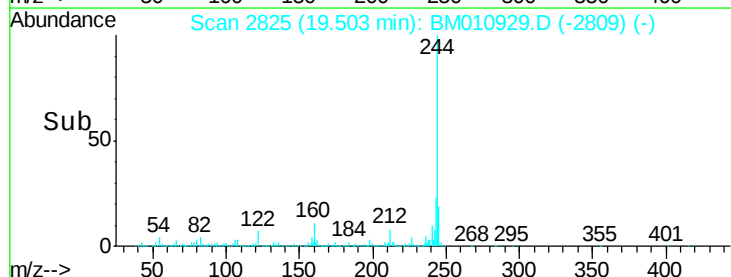
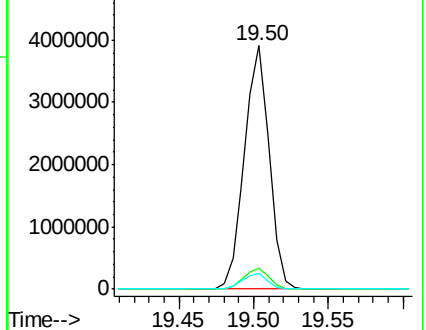
122 6.5 6.2 9.4

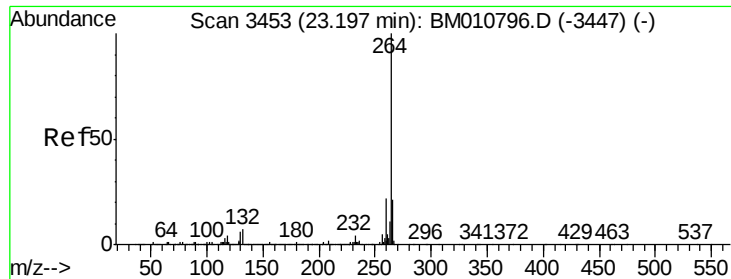


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3451
 Delta R.T. -0.01 min
 Lab File: BM010929.D
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Tgt Ion:	264	Resp:	964355
Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.6	27.8
265	22.6	17.3	25.9

