

Data File : BM010916.D
Acq On : 20 Jul 2017 19:40
Operator : SJ/JU
Sample : I4248-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1-COMP-(0-8)

Quant Time: Jul 21 03:04:44 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	254841	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	954568	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	637857	20.00	ng	-0.01
63) Phenanthrene-d10	16.84	188	1598079	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1772576	20.00	ng	-0.01
86) Perylene-d12	23.19	264	1333765	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	2117245	137.62	ng	0.00
7) Phenol-d6	6.63	99	2565029	120.94	ng	0.00
23) Nitrobenzene-d5	8.59	82	2390286	96.25	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1503975	154.29	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	4808299	93.78	ng	0.00
78) Terphenyl-d14	19.50	244	8168006	89.12	ng	0.00
Target Compounds						
76) Benzidine	19.12	184	213689	4.50	ng	Qvalue 96

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

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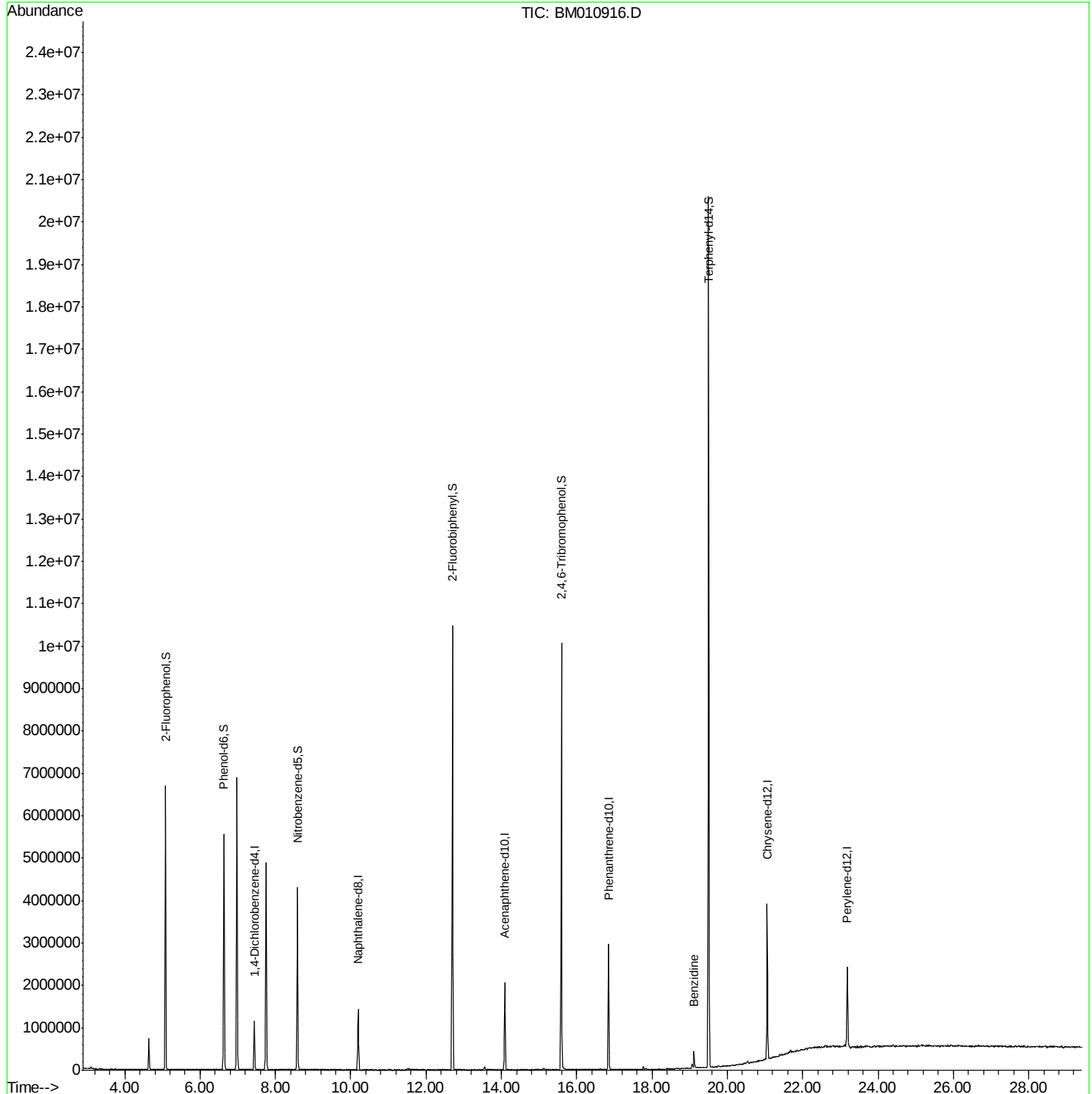
Quant Time: Jul 21 03:04:44 2017

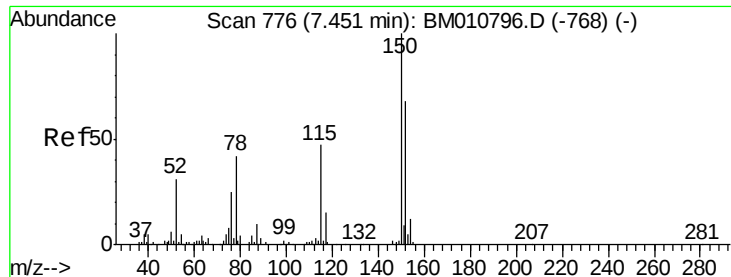
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M

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: 7.44 min Scan# 774

Delta R.T. -0.01 min

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Instrument :

BNA_M

ClientSampleId :

TP-1-COMP-(0-8)

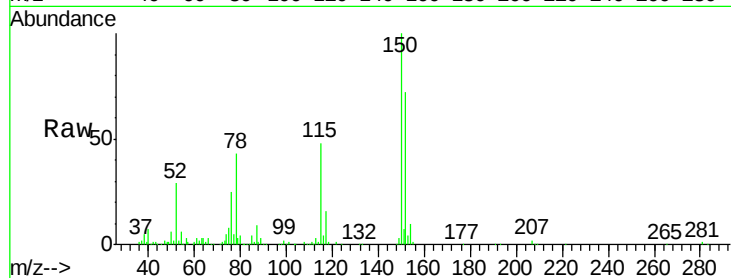
Tgt Ion:152 Resp: 254841

Ion Ratio Lower Upper

152 100

150 138.0 119.5 179.3

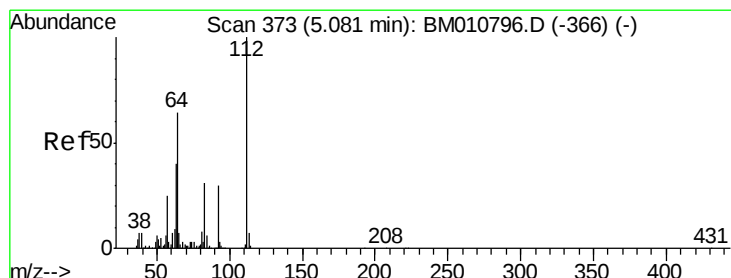
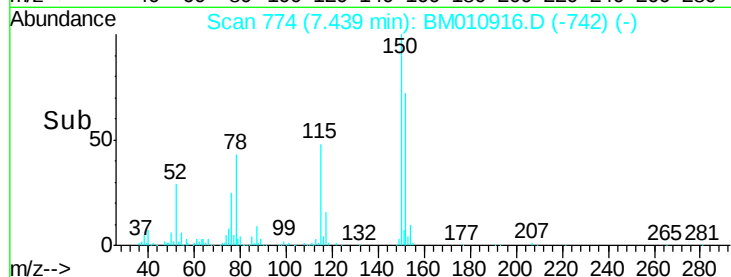
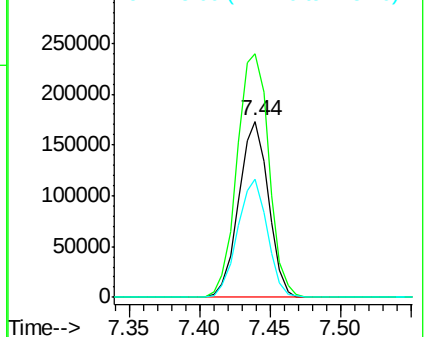
115 66.9 43.0 64.4#



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: 137.62 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM010916.D

Acq: 20 Jul 2017 19:40

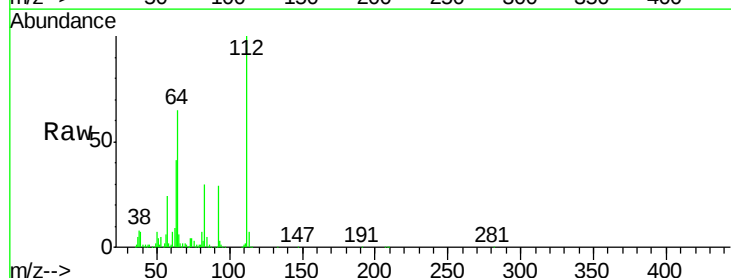
Tgt Ion:112 Resp: 2117245

Ion Ratio Lower Upper

112 100

64 64.8 38.6 57.8#

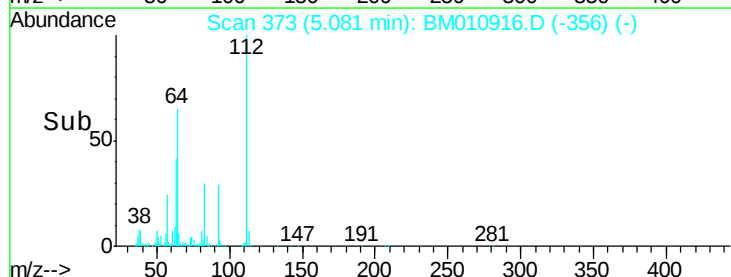
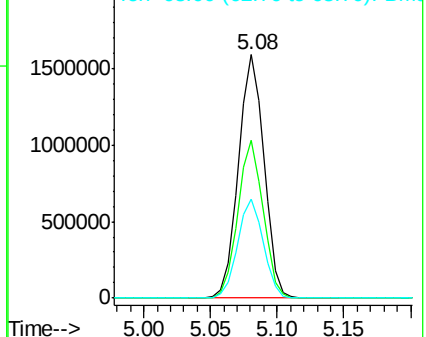
63 40.7 19.3 28.9#

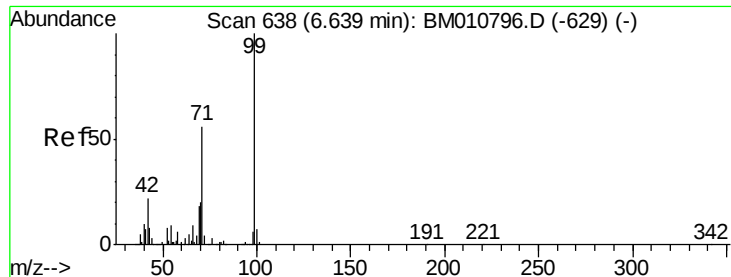


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 120.94 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010916.D

Acq: 20 Jul 2017 19:40

Instrument :

BNA_M

ClientSampleId :

TP-1-COMP-(0-8)

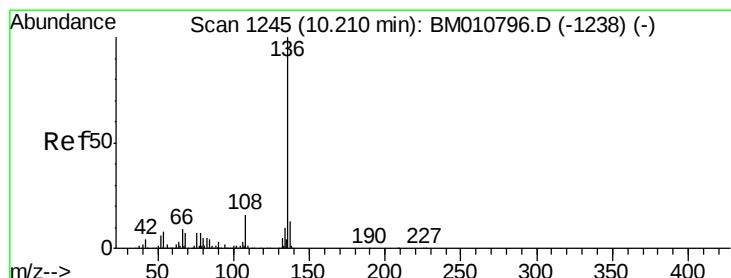
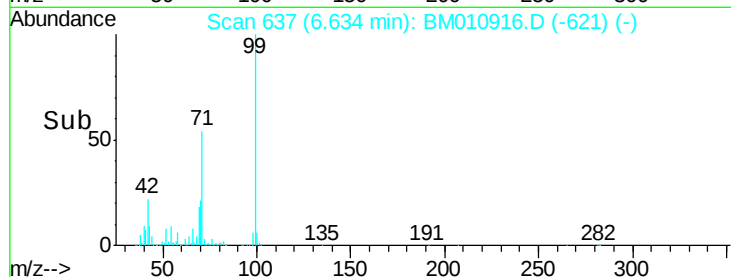
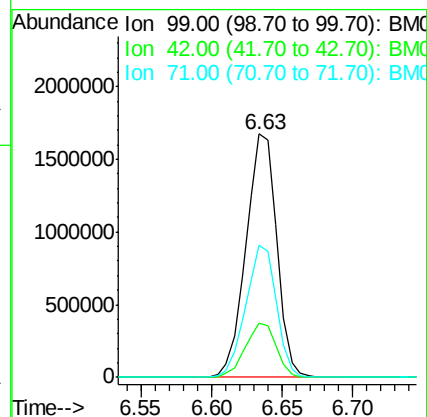
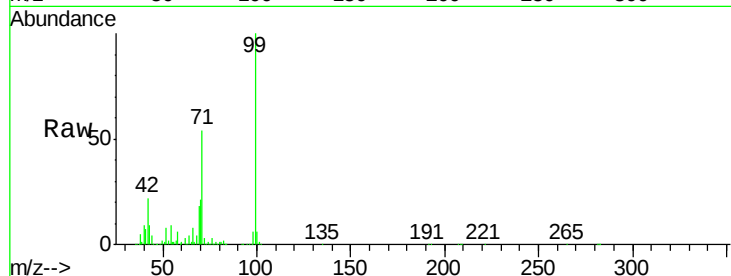
Tgt Ion: 99 Resp: 2565029

Ion Ratio Lower Upper

99 100

42 22.0 11.0 16.4#

71 54.1 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: BM010916.D

Acq: 20 Jul 2017 19:40

Tgt Ion: 136 Resp: 954568

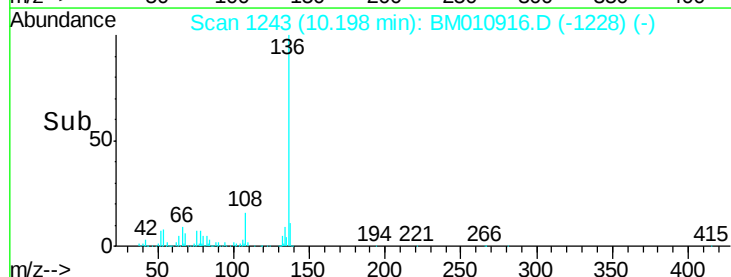
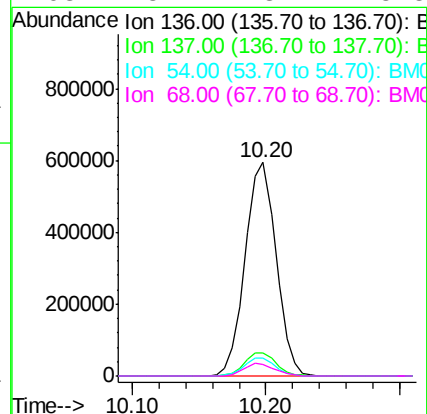
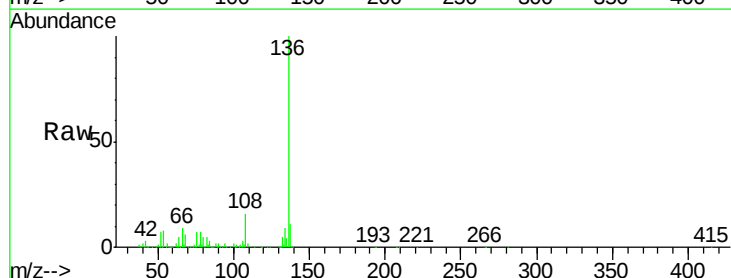
Ion Ratio Lower Upper

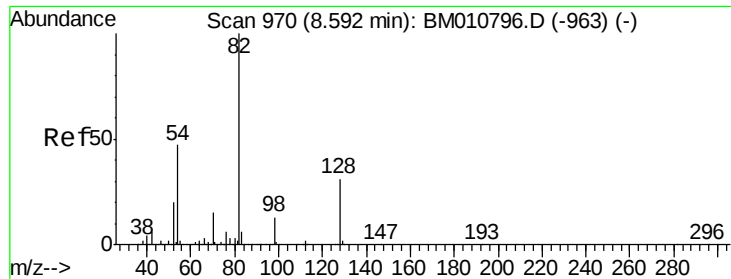
136 100

137 10.7 8.7 13.1

54 8.5 4.6 6.8#

68 5.7 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 96.25 ng

RT: 8.59 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM010916.D

Acq: 20 Jul 2017 19:40

Instrument :

BNA_M

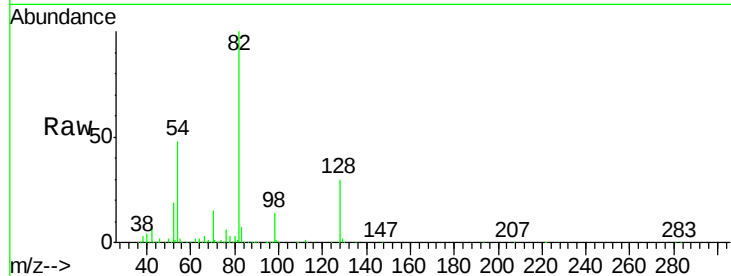
ClientSampleId :

TP-1-COMP-(0-8)

Tgt Ion: 82 Resp: 2390286

Ion Ratio Lower Upper

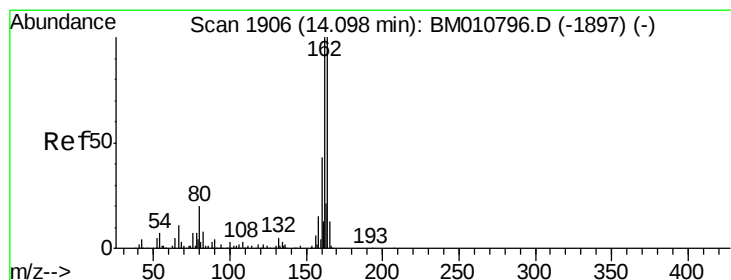
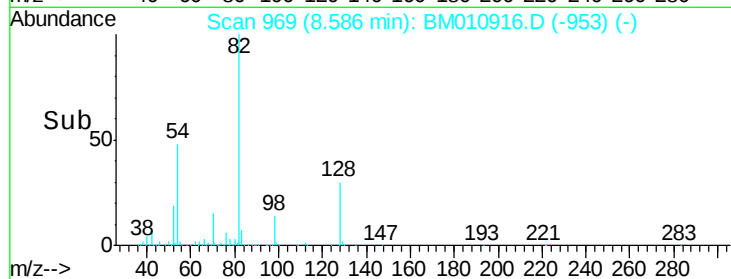
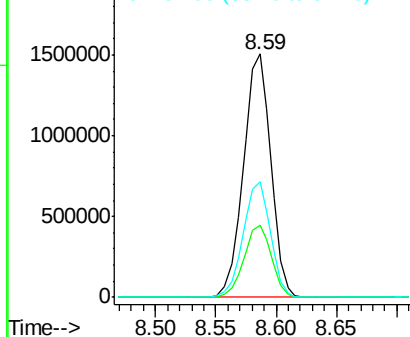
82	100		
128	29.6	32.8	49.2#
54	47.7	40.6	60.8



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# 1904

Delta R.T. -0.01 min

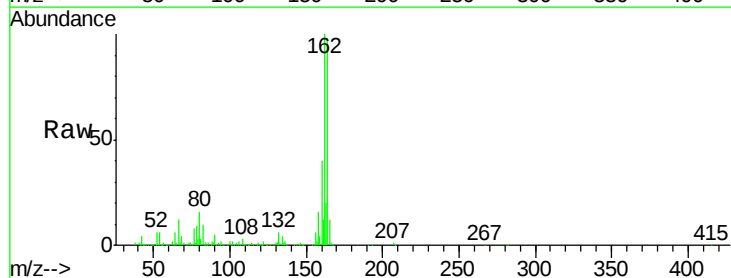
Lab File: BM010916.D

Acq: 20 Jul 2017 19:40

Tgt Ion: 164 Resp: 637857

Ion Ratio Lower Upper

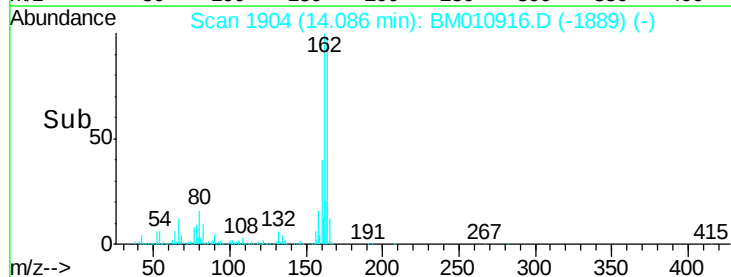
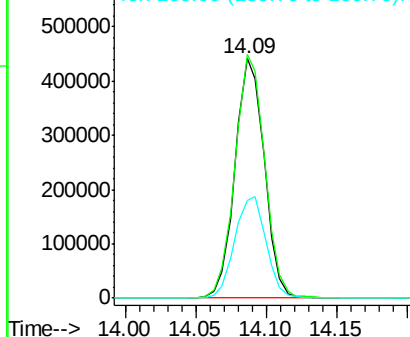
164	100		
162	101.6	82.4	123.6
160	40.8	35.8	53.6

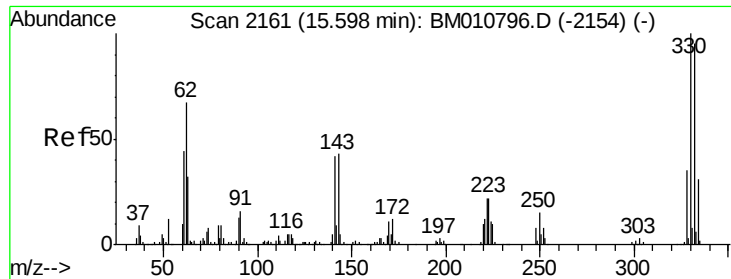


Abundance Ion 164.00 (163.70 to 164.70): BM010796.D (-1897) (-)

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

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

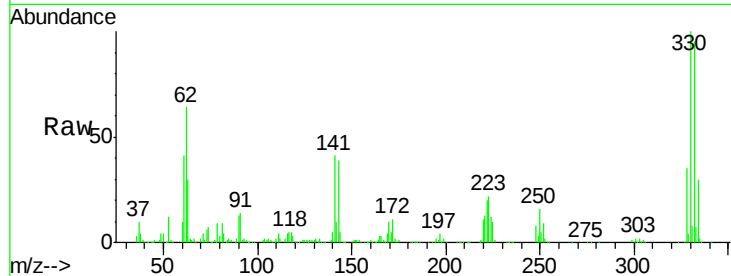




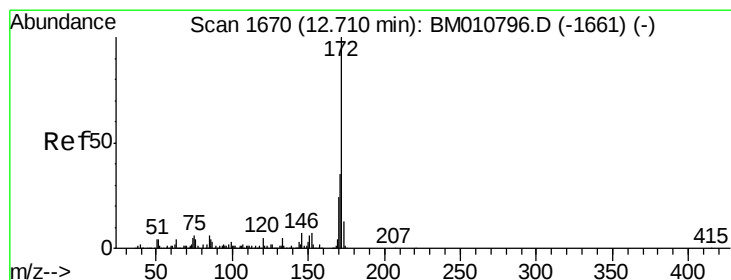
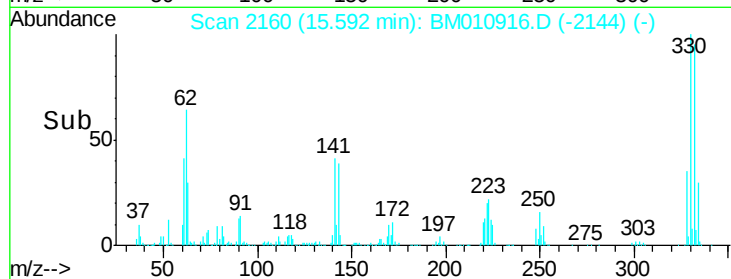
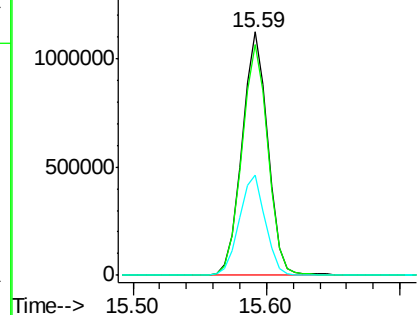
#41
 2,4,6-Tribromophenol
 Concen: 154.29 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010916.D
 Acq: 20 Jul 2017 19:40

Instrument :
 BNA_M
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 TP-1-COMP-(0-8)

Tgt Ion:330 Resp: 1503975
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 41.9 0.0 0.0#

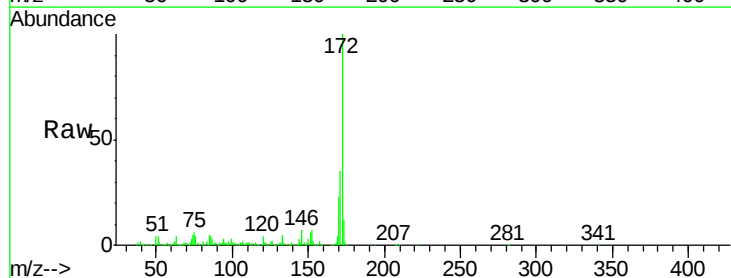


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

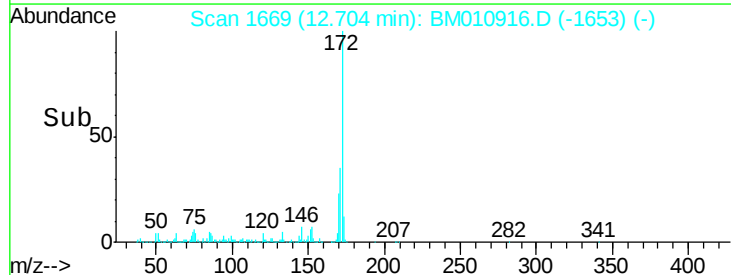
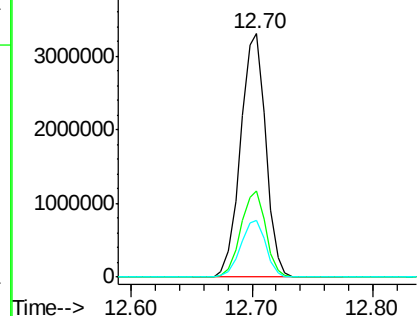


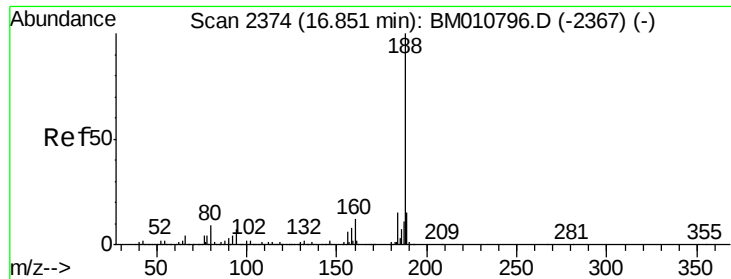
#44
 2-Fluorobiphenyl
 Concen: 93.78 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010916.D
 Acq: 20 Jul 2017 19:40

Tgt Ion:172 Resp: 4808299
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.5 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

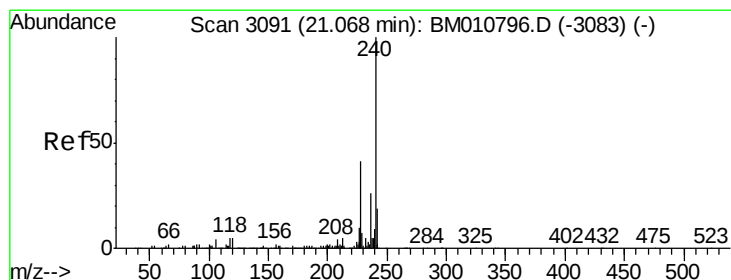
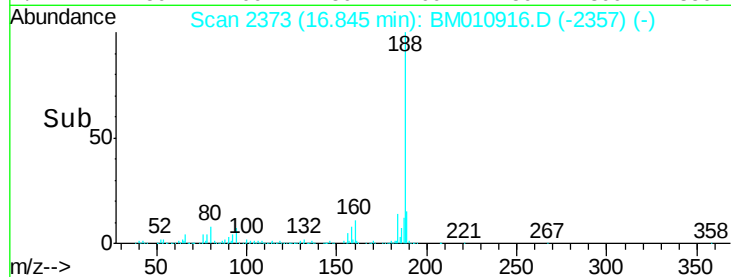
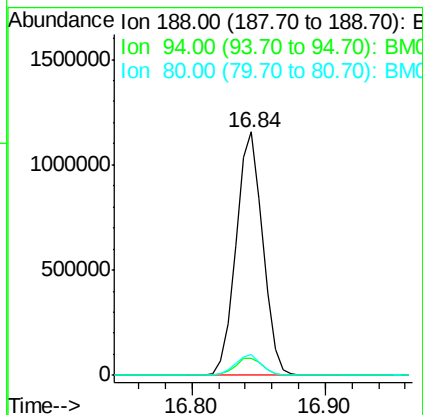
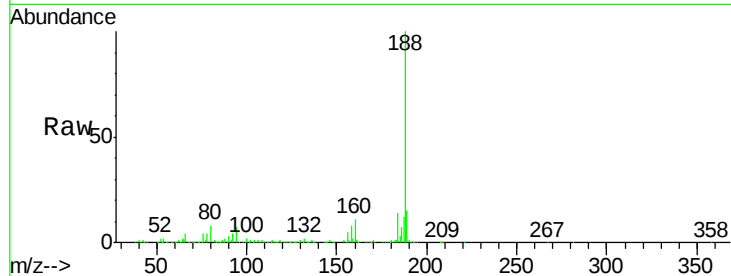




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010916.D
Acq: 20 Jul 2017 19:40

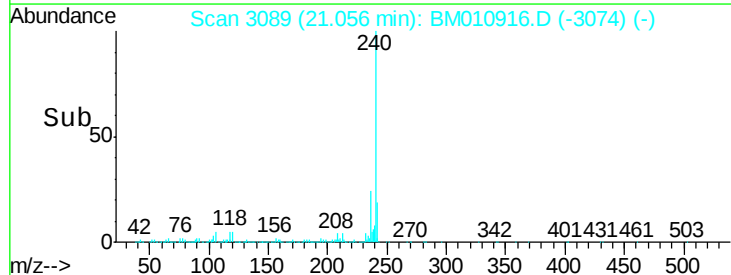
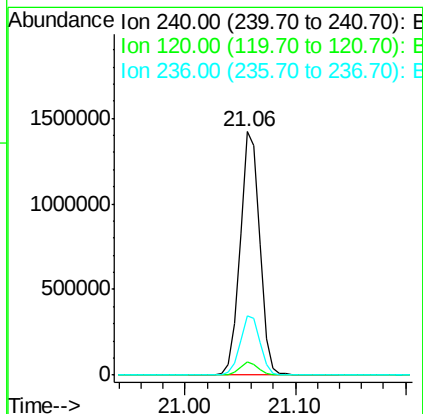
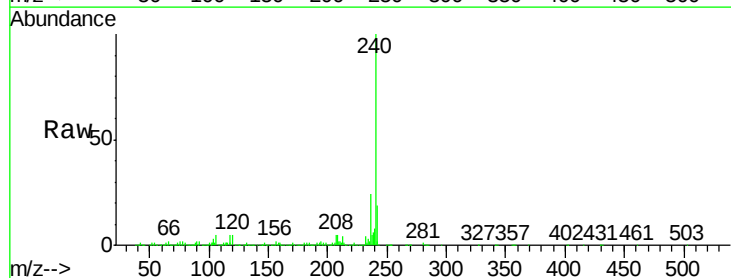
Instrument :
BNA_M
ClientSampleId :
TP-1-COMP-(0-8)

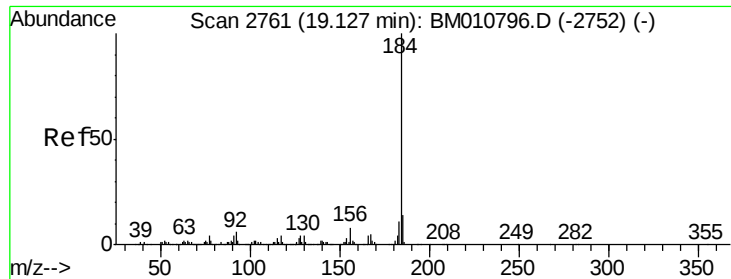
Tgt Ion:188 Resp: 1598079
Ion Ratio Lower Upper
188 100
94 7.2 8.7 13.1#
80 8.4 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM010916.D
Acq: 20 Jul 2017 19:40

Tgt Ion:240 Resp: 1772576
Ion Ratio Lower Upper
240 100
120 5.3 8.2 12.2#
236 24.2 20.0 30.0





#76

Benzidine

Concen: 4.50 ng

RT: 19.12 min Scan# 2759

Delta R.T. -0.01 min

Lab File: BM010916.D

Acq: 20 Jul 2017 19:40

Instrument :

BNA_M

ClientSampleId :

TP-1-COMP-(0-8)

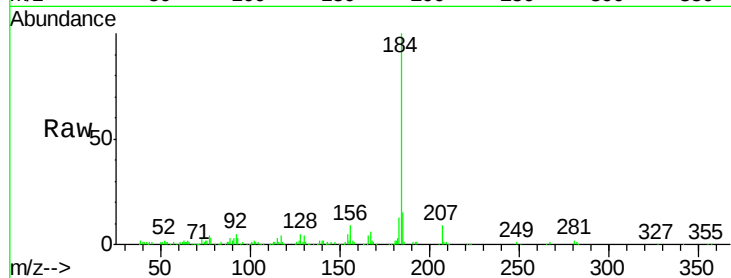
Tgt Ion:184 Resp: 213689

Ion Ratio Lower Upper

184 100

185 15.2 11.3 16.9

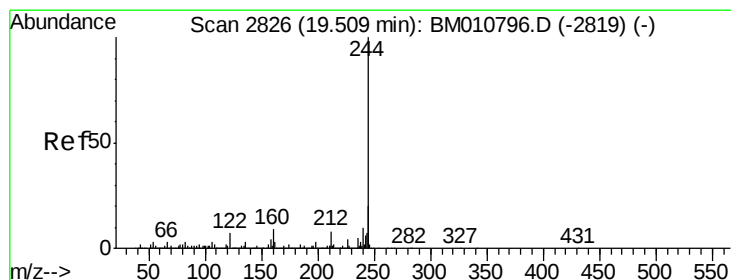
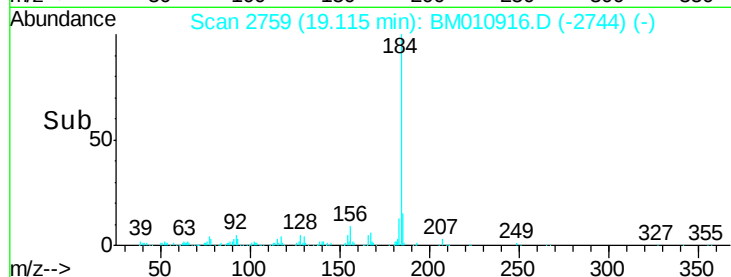
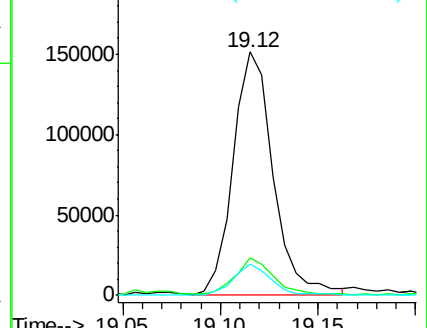
183 12.9 8.9 13.3



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: 89.12 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010916.D

Acq: 20 Jul 2017 19:40

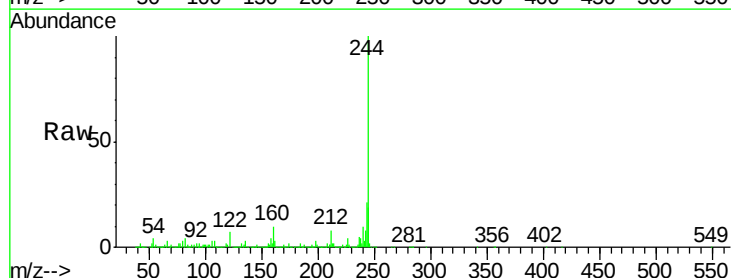
Tgt Ion:244 Resp: 8168006

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

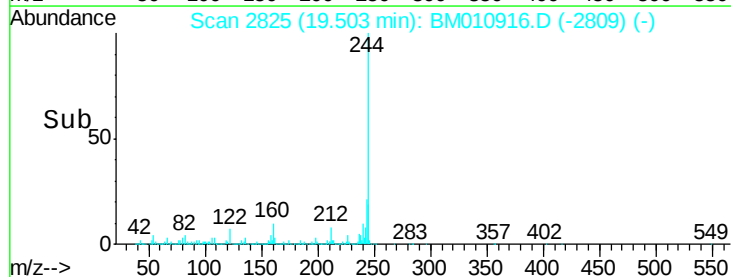
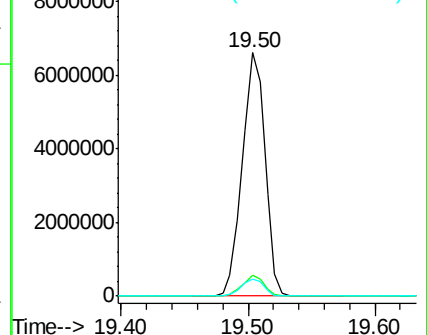
122 7.2 6.2 9.4

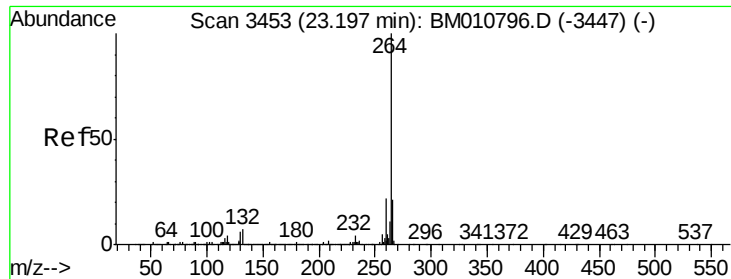


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BM010916.D
Acq: 20 Jul 2017 19:40

Instrument :
BNA_M
ClientSampleId :
TP-1-COMP-(0-8)

Tgt Ion:264 Resp: 1333765

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	21.4	17.3	25.9

