

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
 Data File : BM010913.D
 Acq On : 20 Jul 2017 17:50
 Operator : SJ/JU
 Sample : I4248-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-COMP-(0-8)

Quant Time: Jul 21 03:02:53 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

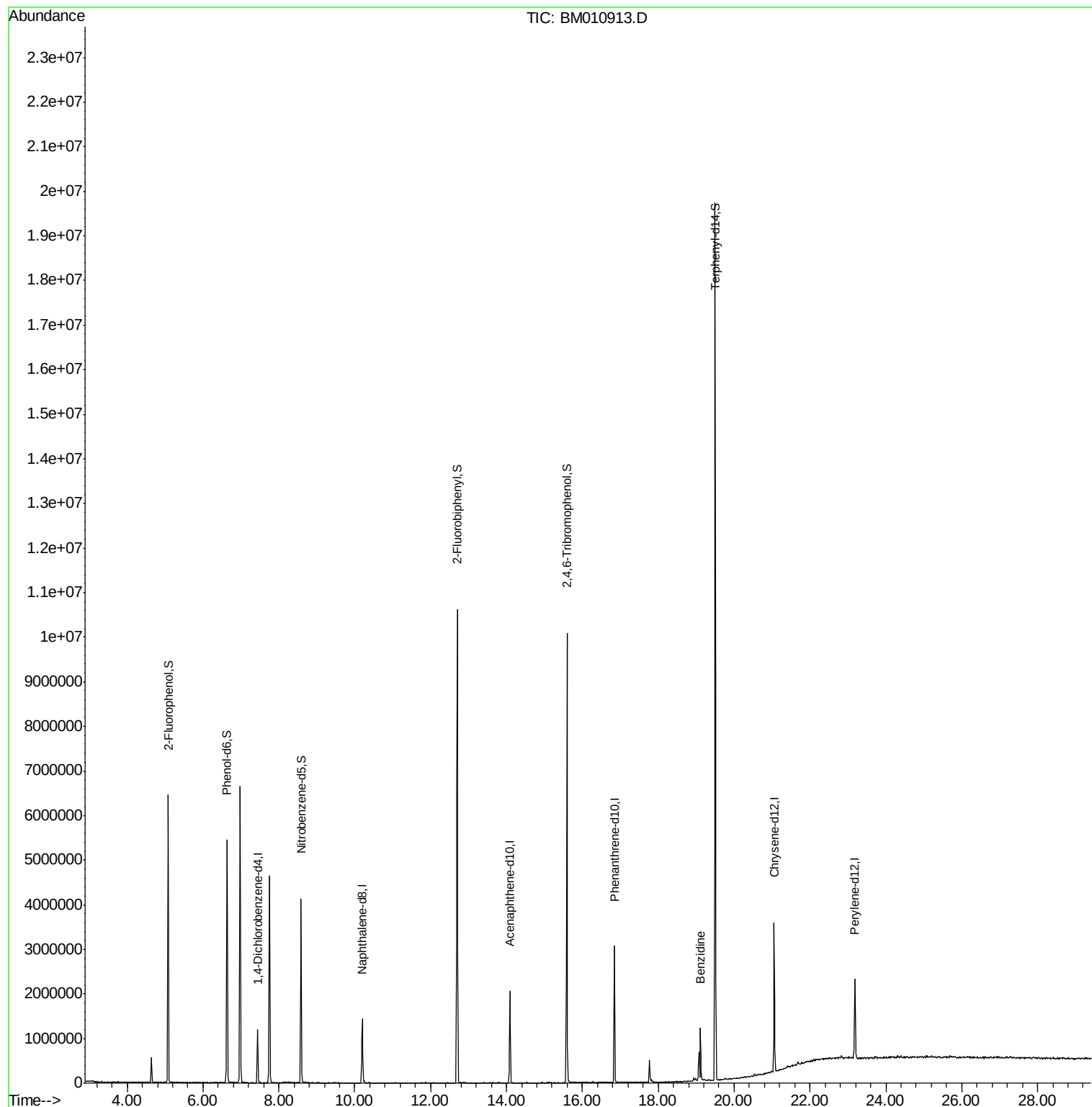
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	252188	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	973510	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	647364	20.00	ng	-0.01
63) Phenanthrene-d10	16.84	188	1560679	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1572842	20.00	ng	-0.01
86) Perylene-d12	23.19	264	1238516	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	2015967	132.42	ng	0.00
7) Phenol-d6	6.63	99	2509216	119.56	ng	0.00
23) Nitrobenzene-d5	8.59	82	2315197	91.41	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1494144	151.03	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	4702844	90.37	ng	0.00
78) Terphenyl-d14	19.50	244	7847609	96.50	ng	0.00
Target Compounds						
76) Benzidine	19.12	184	607566	14.435	ng	Qvalue 99

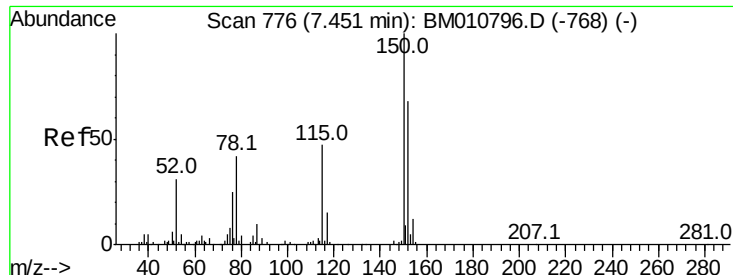
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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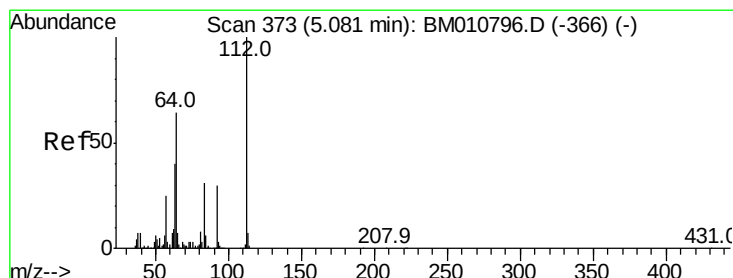
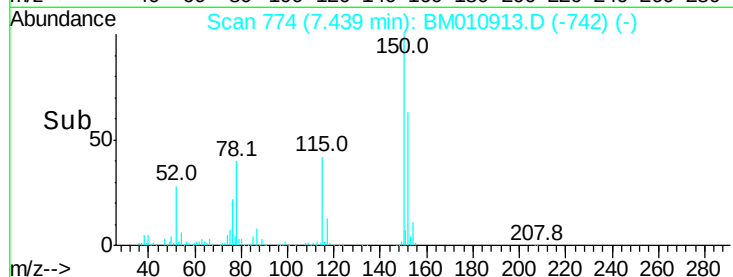
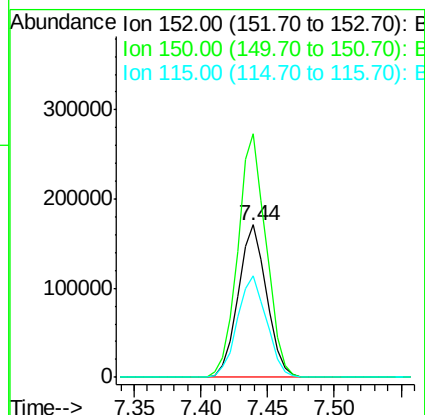
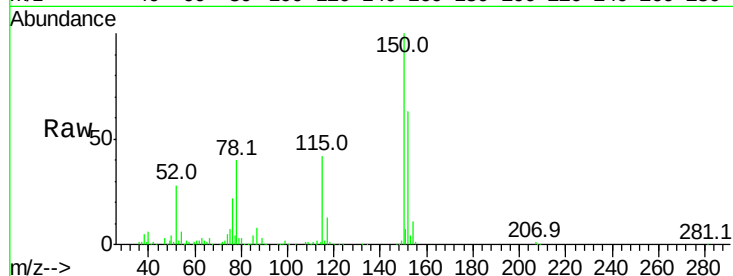


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010913.D
Acq: 20 Jul 2017 17:50

Instrument :
BNA_M
ClientSampleId :
TP-3-COMP-(0-8)

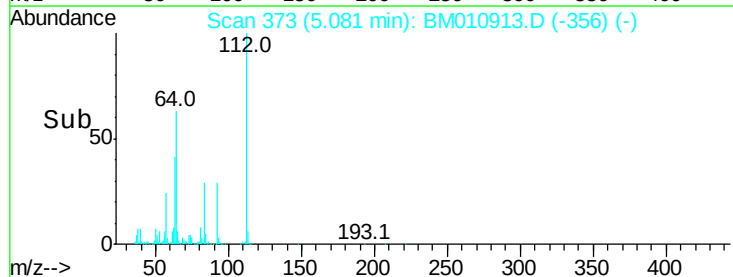
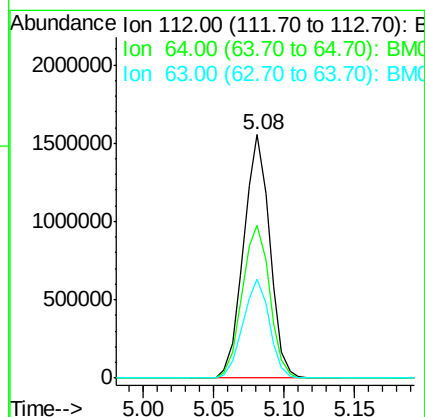
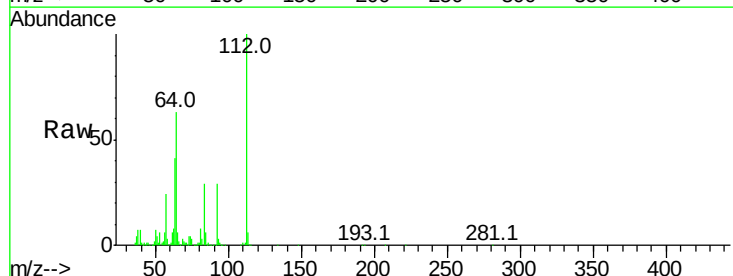
Tot Ion:152 Resp: 252188
Ion Ratio Lower Upper
152 100
150 160.0 119.5 179.3
115 66.5 43.0 64.4#

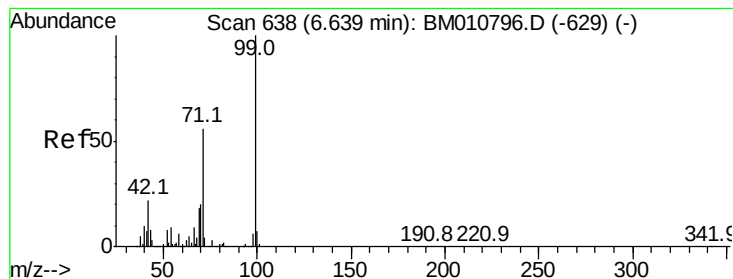


#5

2-Fluorophenol
Concen: 132.418 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010913.D
Acq: 20 Jul 2017 17:50

Tgt Ion:112 Resp: 2015967
Ion Ratio Lower Upper
112 100
64 62.7 38.6 57.8#
63 40.8 19.3 28.9#





#7

Phenol-d6

Concen: 119.555 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010913.D

Acq: 20 Jul 2017 17:50

Instrument :

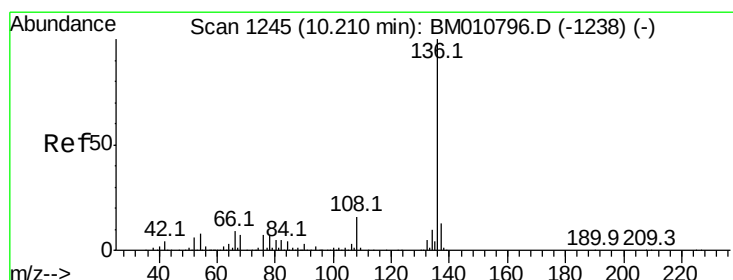
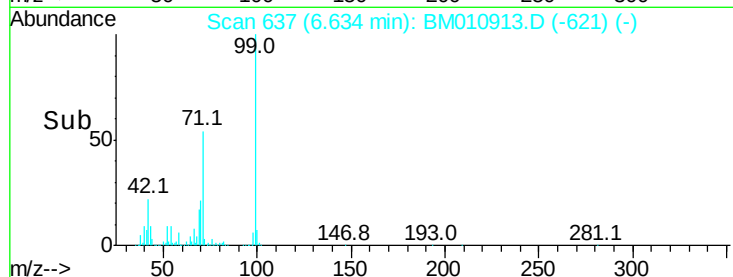
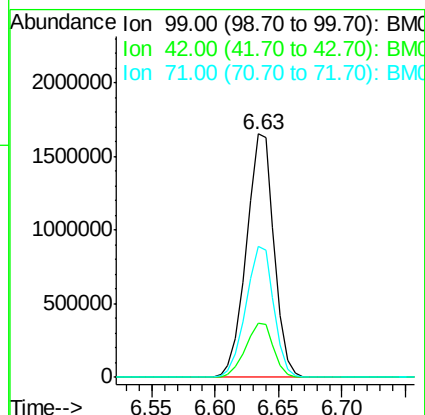
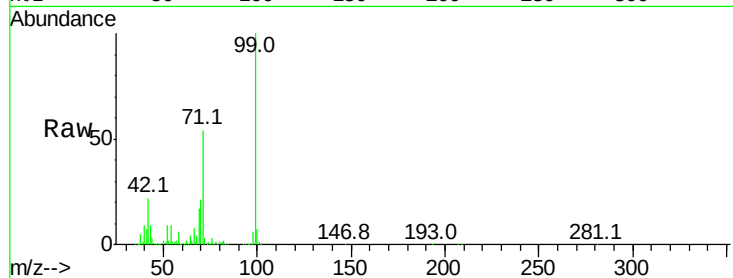
BNA_M

ClientSampleId :

TP-3-COMP-(0-8)

Tot Ion: 99 Resp: 2509216

Ion	Ratio	Lower	Upper
99	100		
42	22.3	11.0	16.4#
71	53.6	23.4	35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1243

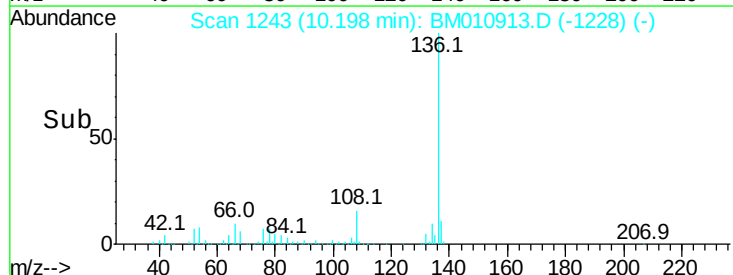
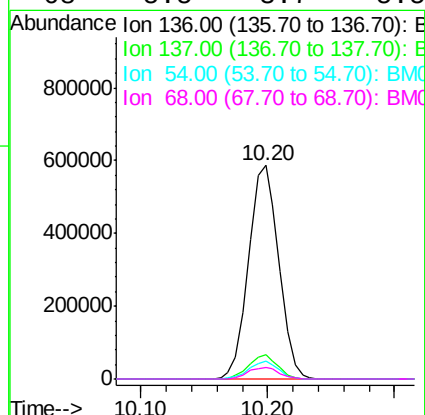
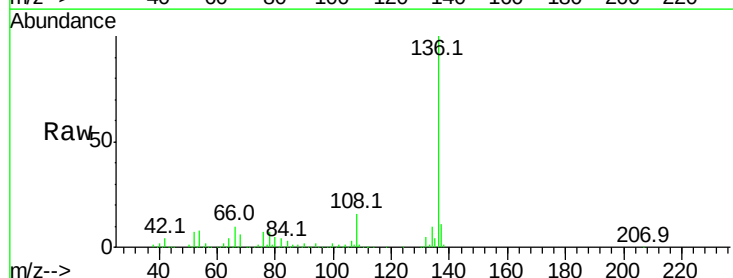
Delta R.T. -0.01 min

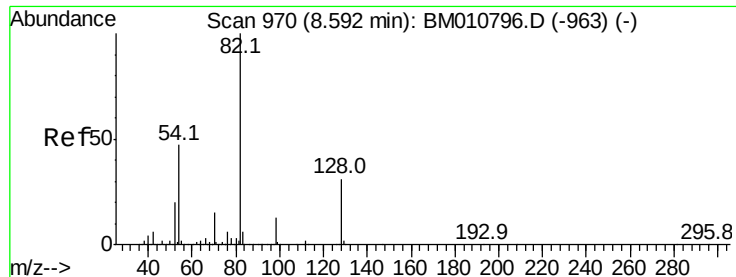
Lab File: BM010913.D

Acq: 20 Jul 2017 17:50

Tgt Ion: 136 Resp: 973510

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	8.2	4.6	6.8#
68	5.5	3.7	5.5





#23

Nitrobenzene-d5

Concen: 91.412 ng

RT: 8.59 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM010913.D

Acq: 20 Jul 2017 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3-COMP-(0-8)

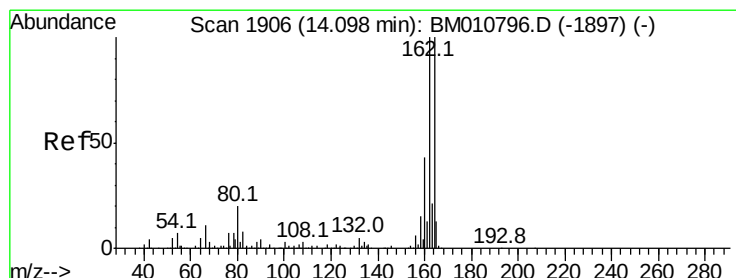
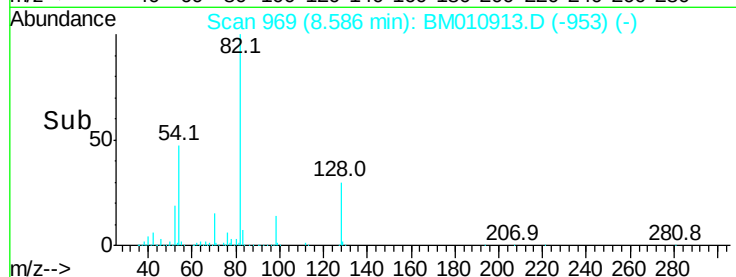
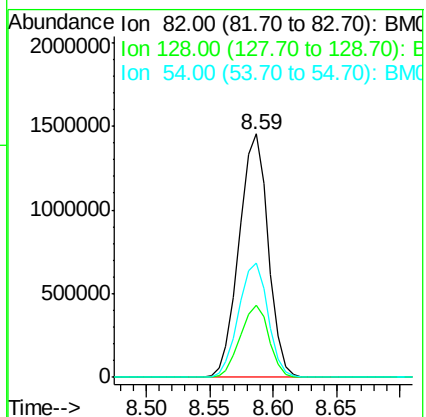
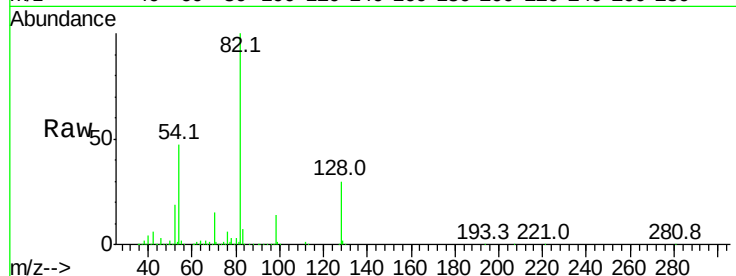
Tot Ion: 82 Resp: 2315197

Ion Ratio Lower Upper

82 100

128 29.6 32.8 49.2#

54 46.9 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM010913.D

Acq: 20 Jul 2017 17:50

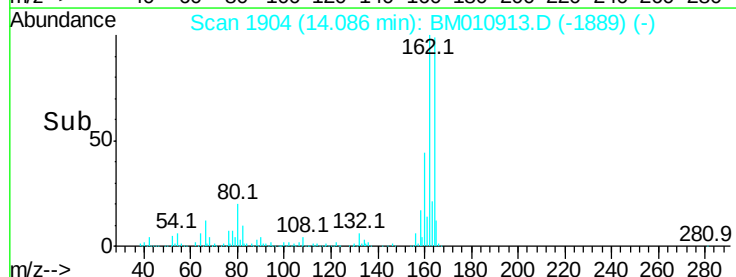
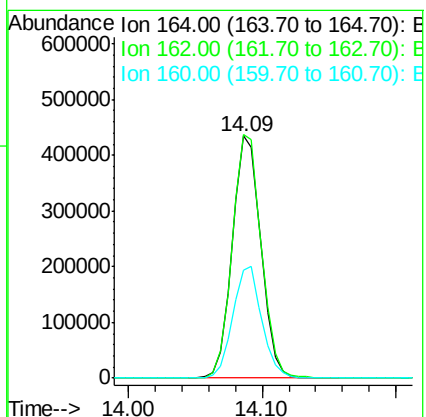
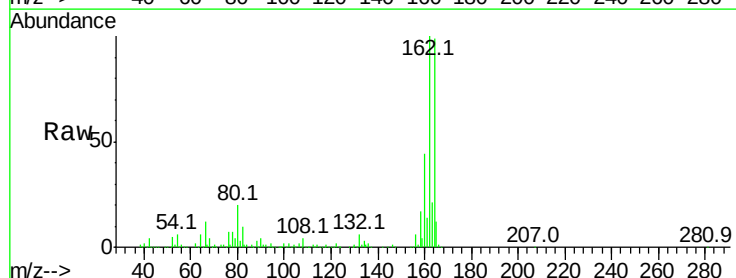
Tgt Ion: 164 Resp: 647364

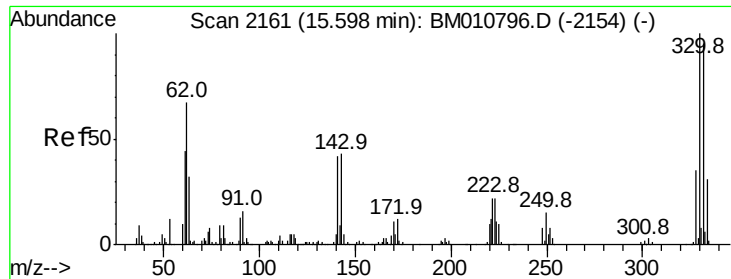
Ion Ratio Lower Upper

164 100

162 100.6 82.4 123.6

160 44.4 35.8 53.6

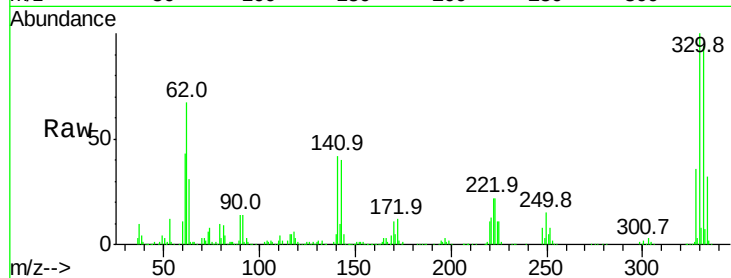




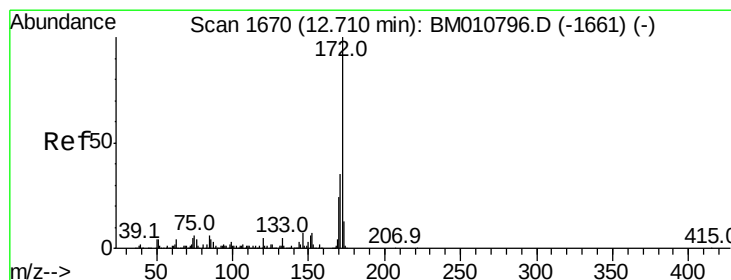
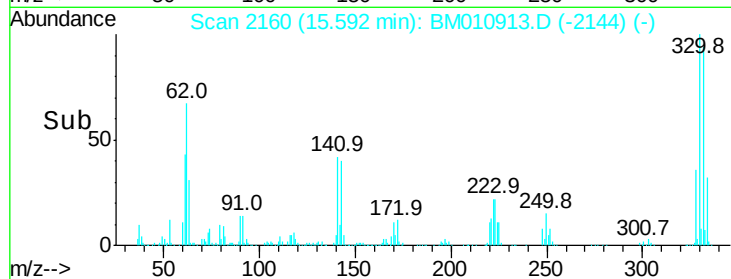
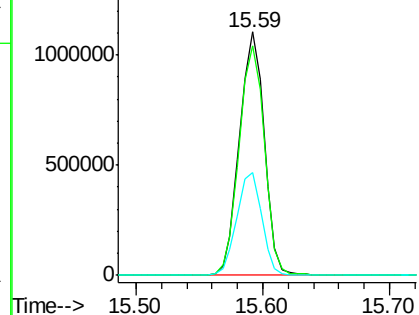
#41
 2,4,6-Tribromophenol
 Concen: 151.031 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010913.D
 Acq: 20 Jul 2017 17:50

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-COMP-(0-8)

Tot Ion:330 Resp: 1494144
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 42.6 0.0 0.0#

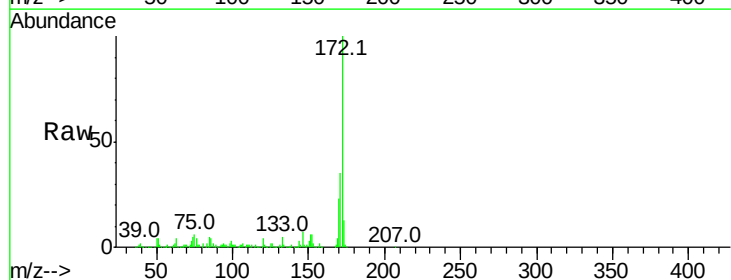


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

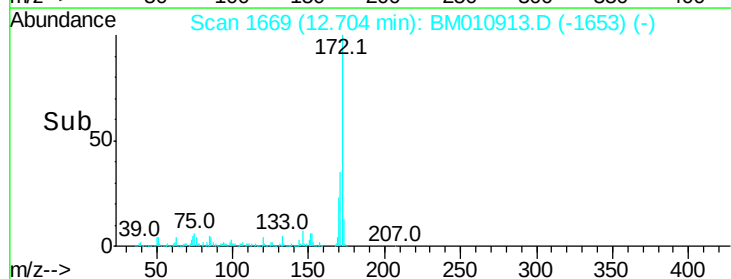
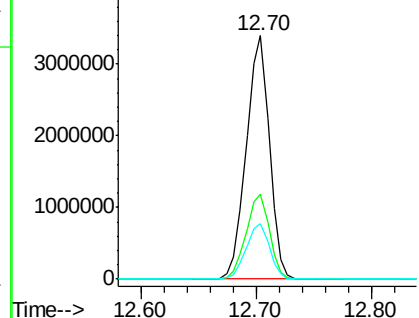


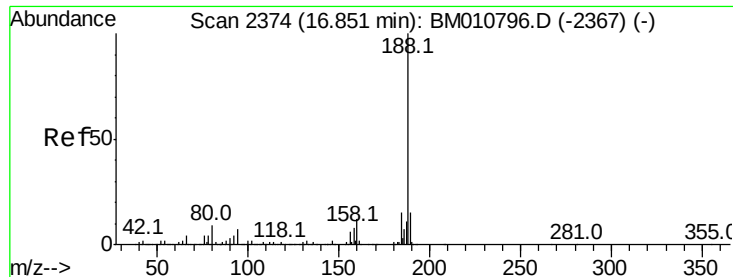
#44
 2-Fluorobiphenyl
 Concen: 90.373 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010913.D
 Acq: 20 Jul 2017 17:50

Tgt Ion:172 Resp: 4702844
 Ion Ratio Lower Upper
 172 100
 171 34.7 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

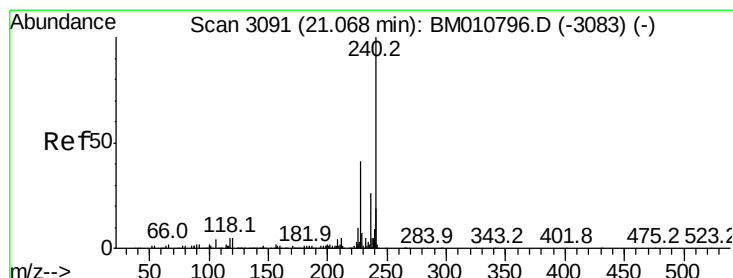
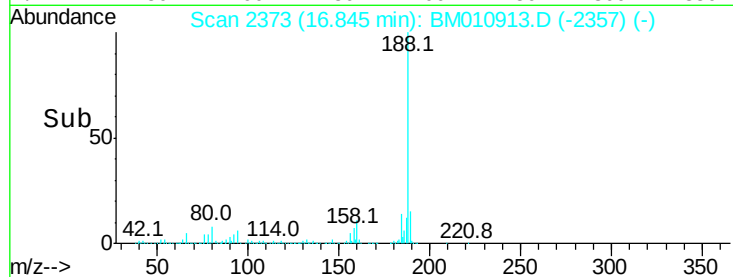
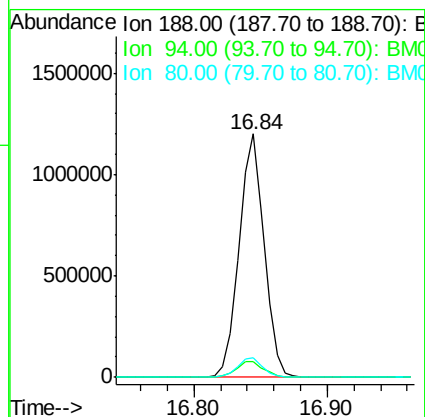
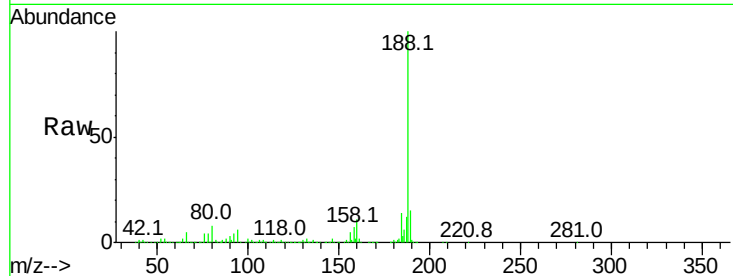




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010913.D
Acq: 20 Jul 2017 17:50

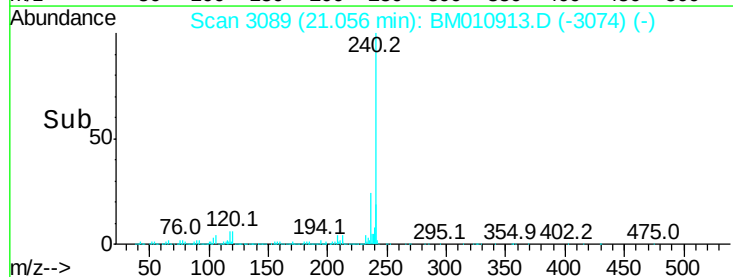
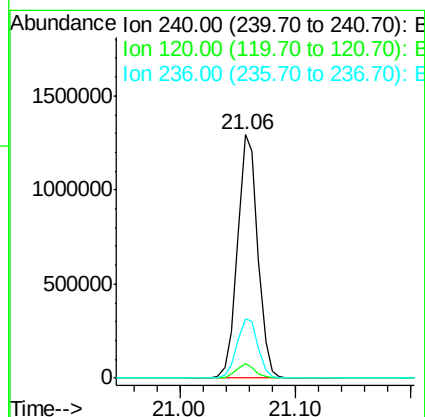
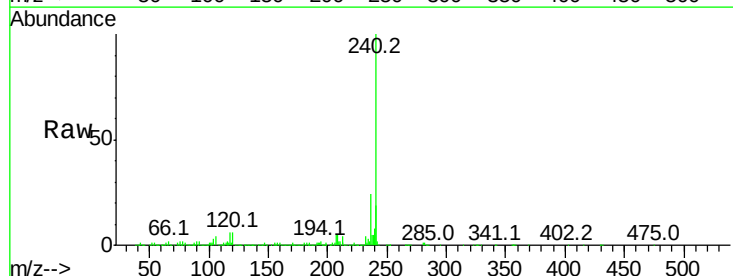
Instrument :
BNA_M
ClientSampleId :
TP-3-COMP-(0-8)

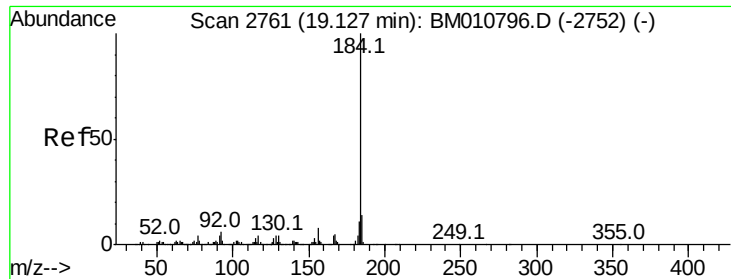
Tot Ion:188 Resp: 1560679
Ion Ratio Lower Upper
188 100
94 6.4 8.7 13.1#
80 8.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM010913.D
Acq: 20 Jul 2017 17:50

Tgt Ion:240 Resp: 1572842
Ion Ratio Lower Upper
240 100
120 5.8 8.2 12.2#
236 24.1 20.0 30.0





#76

Benzidine

Concen: 14.435 ng

RT: 19.12 min Scan# 2759

Delta R.T. -0.01 min

Lab File: BM010913.D

Acq: 20 Jul 2017 17:50

Instrument :

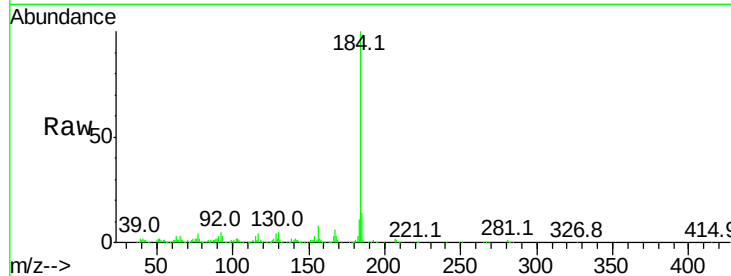
BNA_M

ClientSampleId :

TP-3-COMP-(0-8)

Tot Ion:184 Resp: 607566

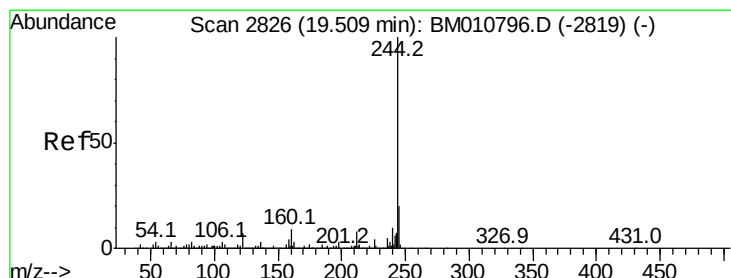
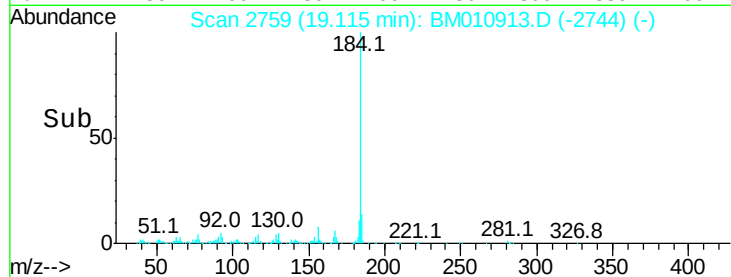
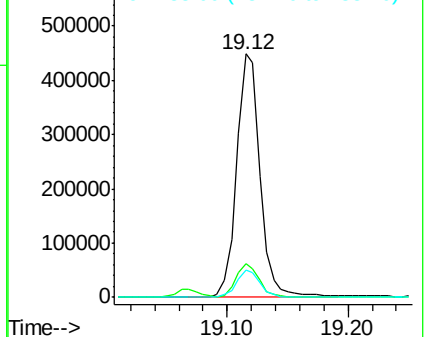
Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.3	16.9
183	11.1	8.9	13.3



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: 96.501 ng

RT: 19.50 min Scan# 2825

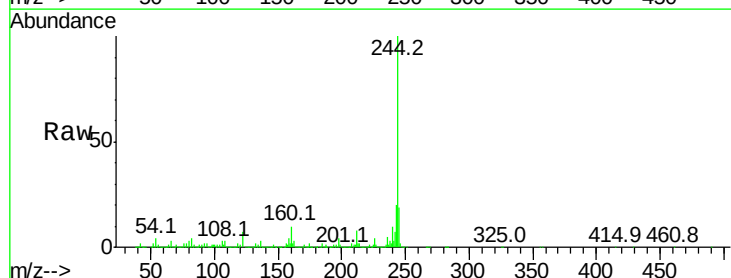
Delta R.T. -0.01 min

Lab File: BM010913.D

Acq: 20 Jul 2017 17:50

Tgt Ion:244 Resp: 7847609

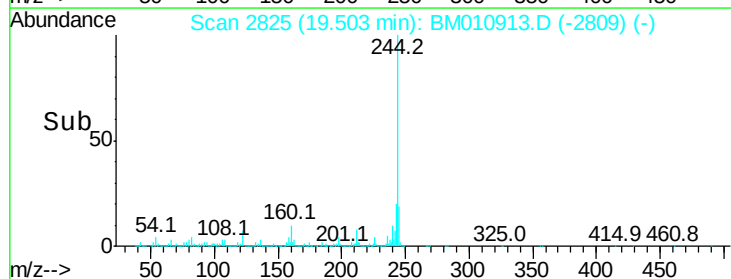
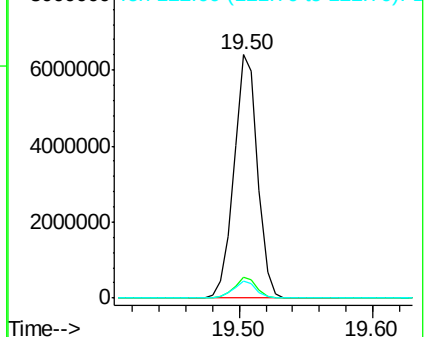
Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.9	7.3#
122	7.2	6.2	9.4

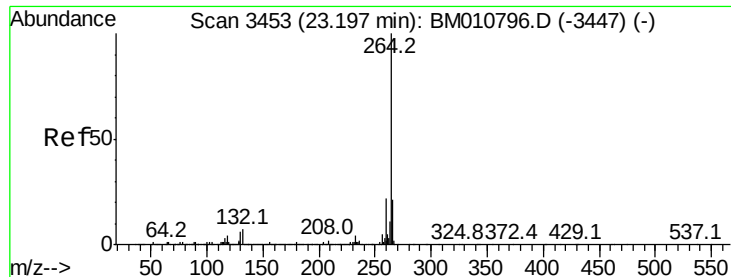


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

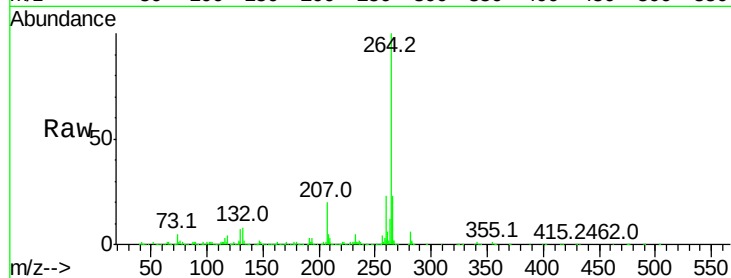




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.19 min Scan# 3451
 Delta R.T. -0.01 min
 Lab File: BM010913.D
 Acq: 20 Jul 2017 17:50

Instrument :
 BNA_M
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 TP-3-COMP-(0-8)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	22.6	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

