

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 :

Quant Time: Jul 21 02:22:42 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

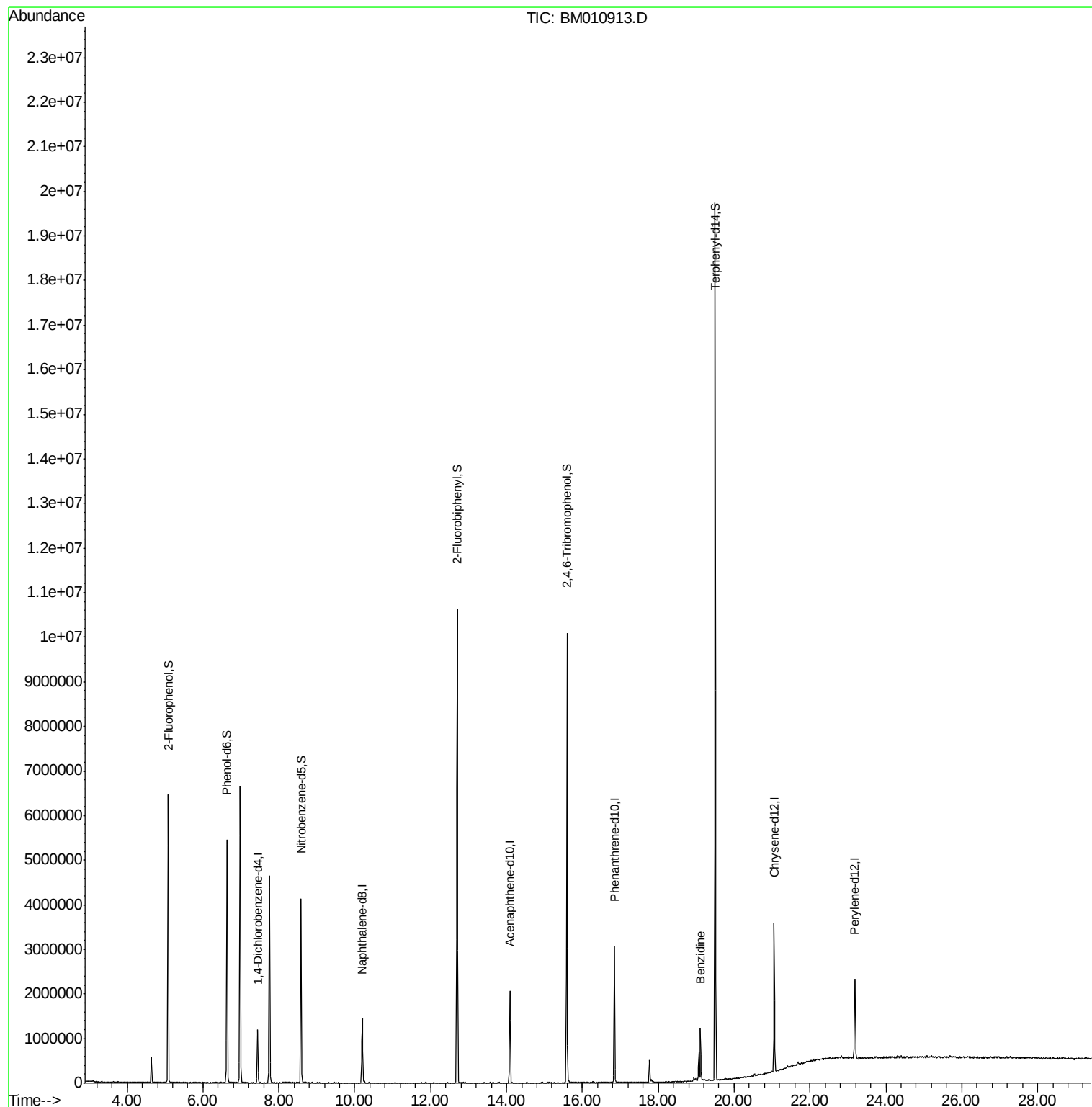
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	252188	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	973510	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	647364	20.00	ng	-0.01
63) Phenanthrene-d10	16.84	188	1560679	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1572842	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	14.44	ng	Qvalue 99

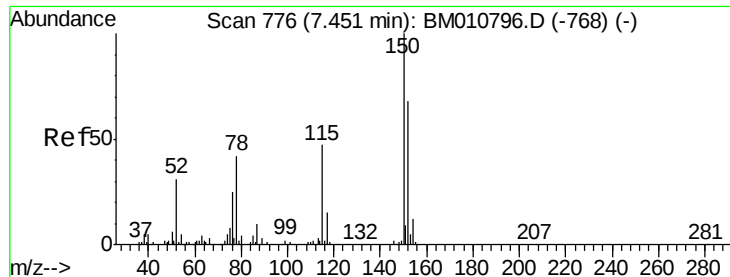
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :

Quant Time: Jul 21 02:22:42 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



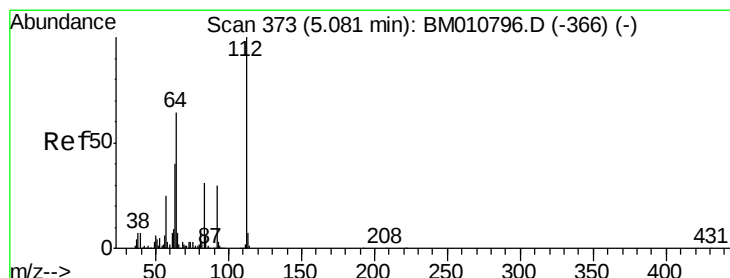
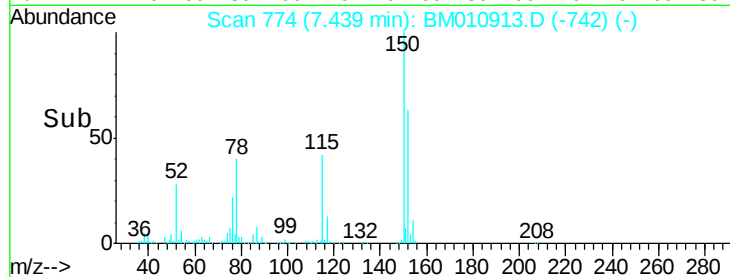
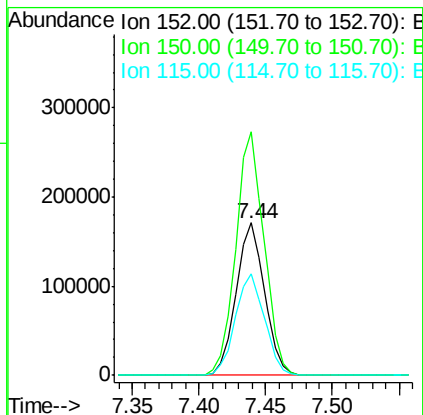
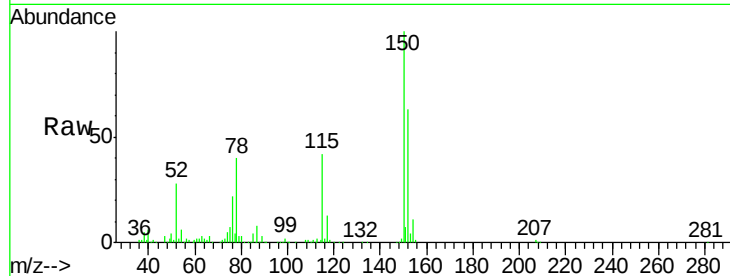


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 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 :

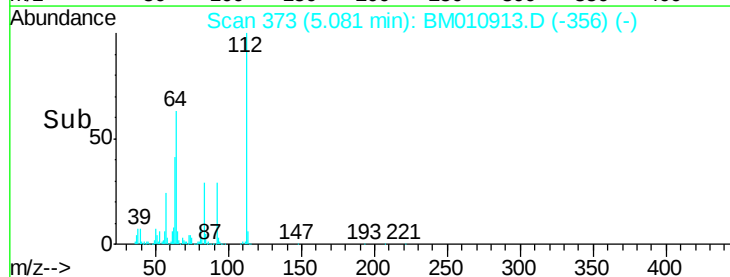
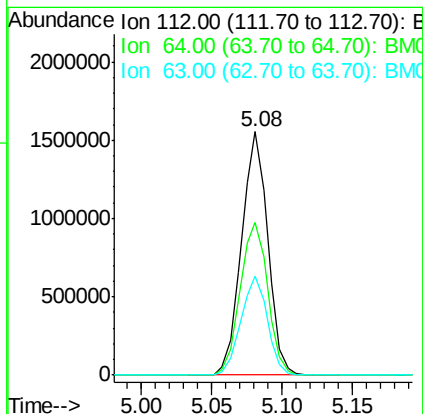
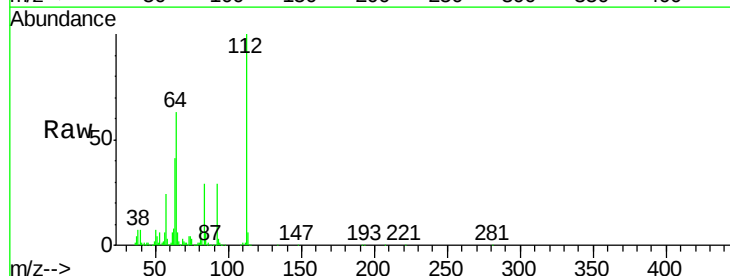
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	119.5	179.3
115	66.5	43.0	64.4

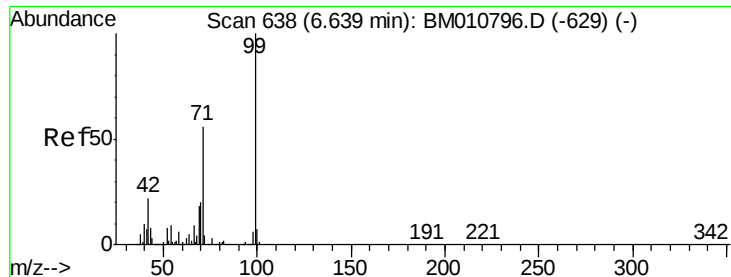


#5

2-Fluorophenol
Concen: 132.42 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	Ratio	Lower	Upper
112	100		
64	62.7	38.6	57.8
63	40.8	19.3	28.9





#7

Phenol-d6

Concen: 119.56 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 :

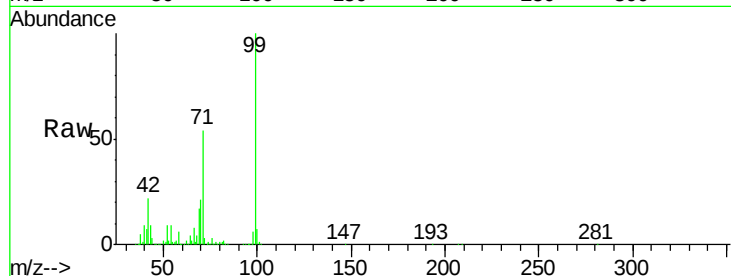
Tot Ion: 99 Resp: 2509216

Ion Ratio Lower Upper

99 100

42 22.3 11.0 16.4#

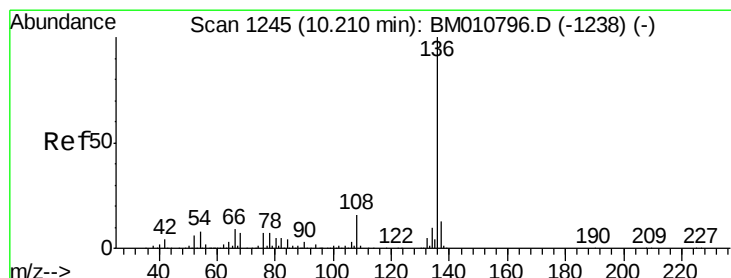
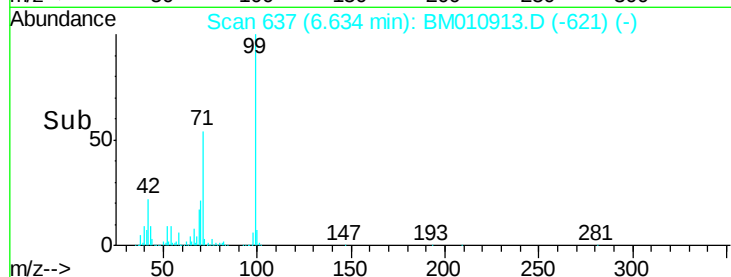
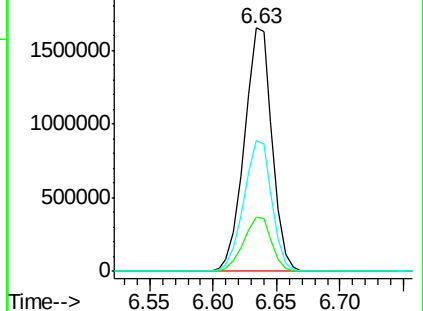
71 53.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010796.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM010796.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM010796.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.00 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

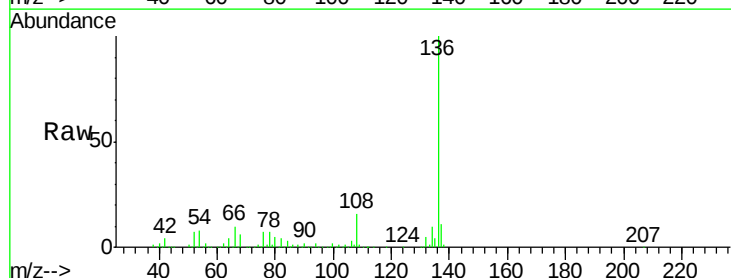
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 8.2 4.6 6.8#

68 5.5 3.7 5.5

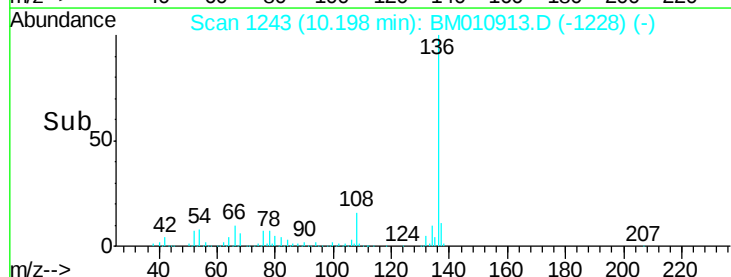
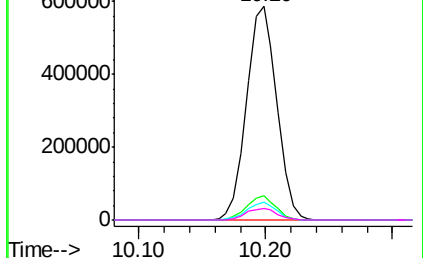


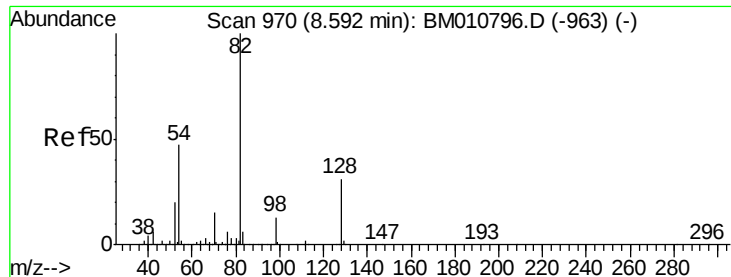
Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

Ion 137.00 (136.70 to 137.70): BM010796.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM010796.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM010796.D (-1238) (-)

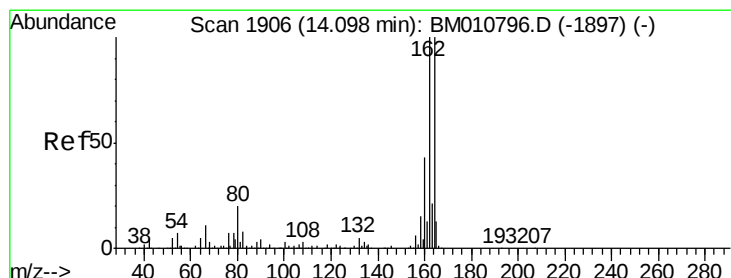
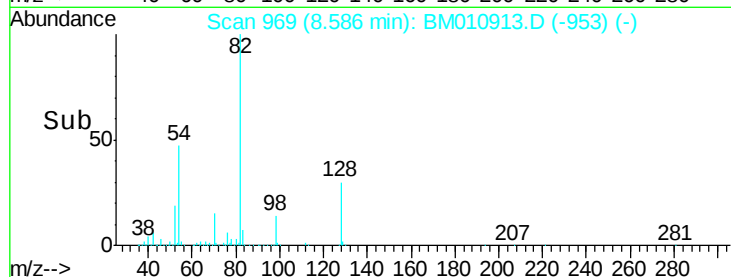
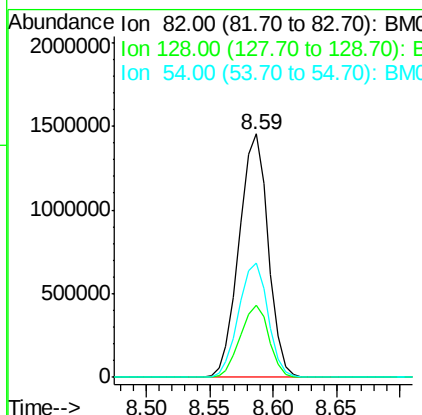
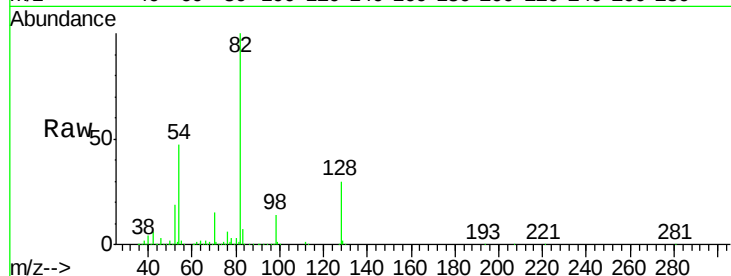




#23
Nitrobenzene-d5
Concen: 91.41 ng
RT: 8.59 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM010913.D
Acq: 20 Jul 2017 17:50

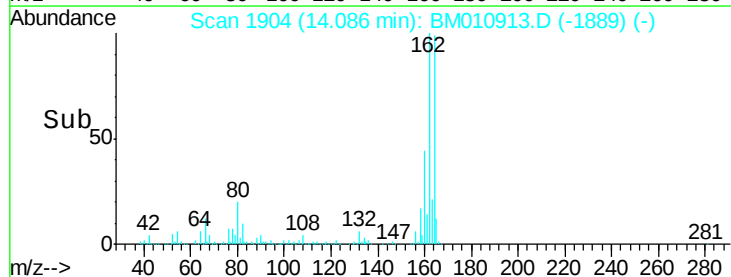
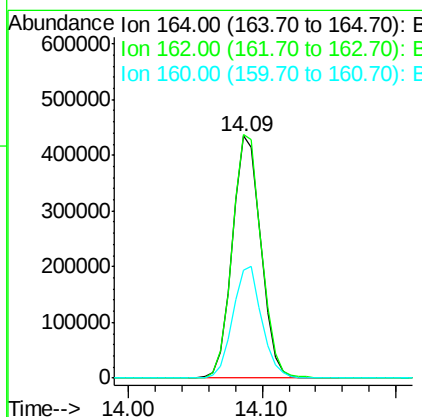
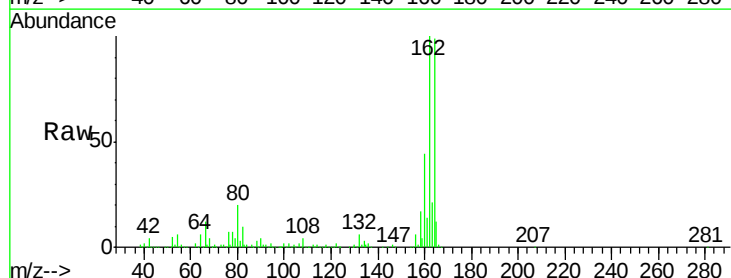
Instrument :
BNA_M
ClientSampleId :

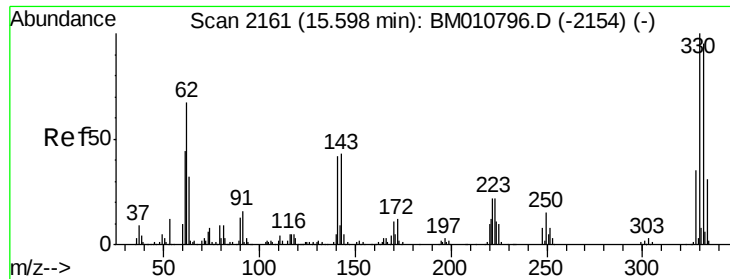
Tot Ion	Ratio	Lower	Upper
82	100		
128	29.6	32.8	49.2#
54	46.9	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.00 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	Ratio	Lower	Upper
164	100		
162	100.6	82.4	123.6
160	44.4	35.8	53.6

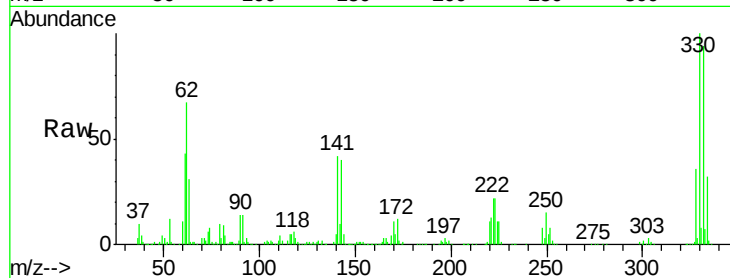




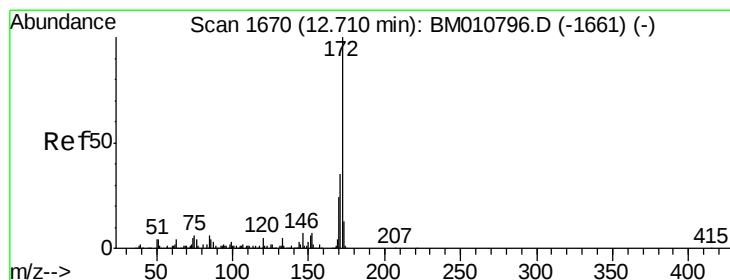
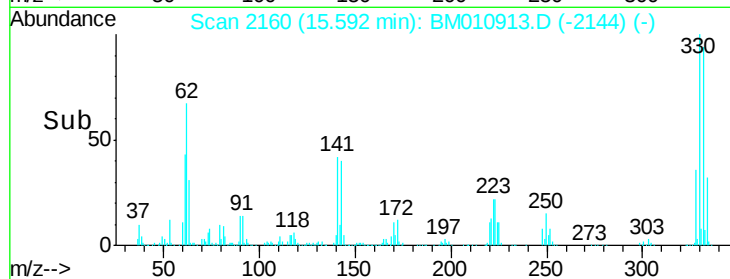
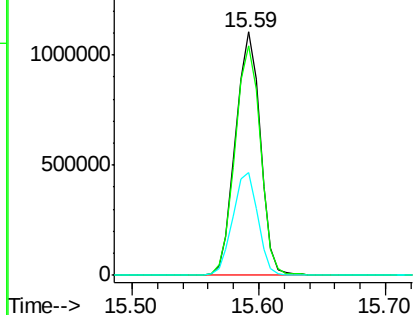
#41
 2,4,6-Tribromophenol
 Concen: 151.03 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010913.D
 Acq: 20 Jul 2017 17:50

Instrument :
 BNA_M
 ClientSampled :

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#

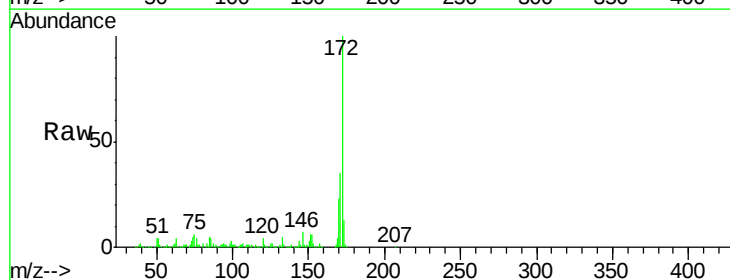


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

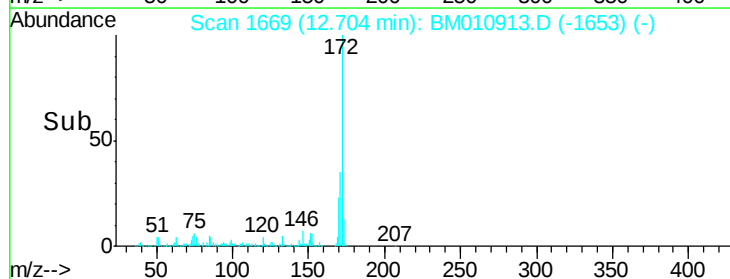
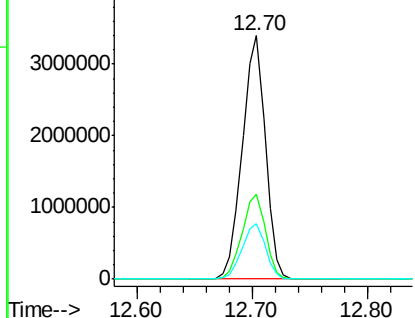


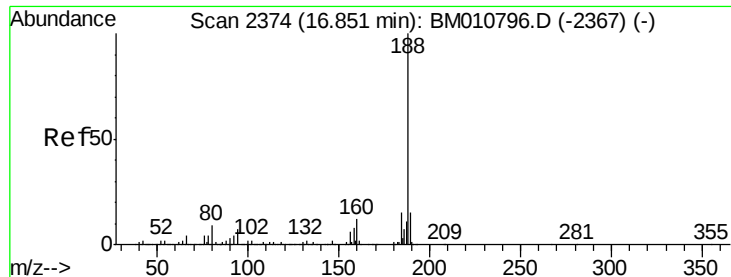
#44
 2-Fluorobiphenyl
 Concen: 90.37 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010913.D
 Acq: 20 Jul 2017 17:50

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

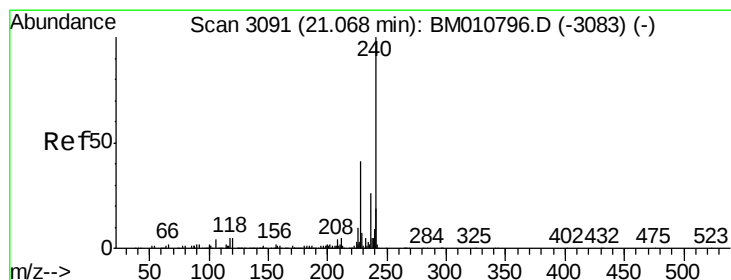
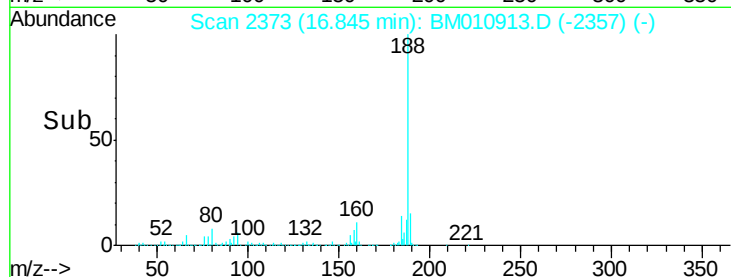
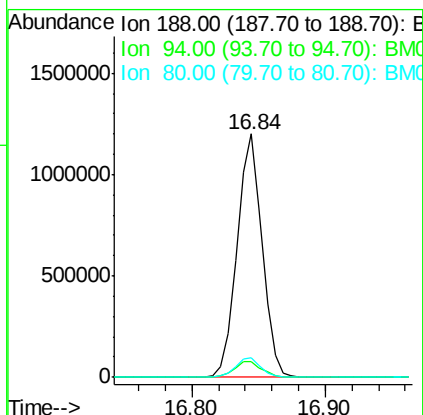
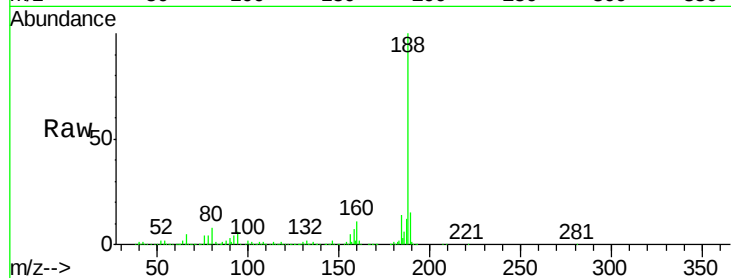




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010913.D
Acq: 20 Jul 2017 17:50

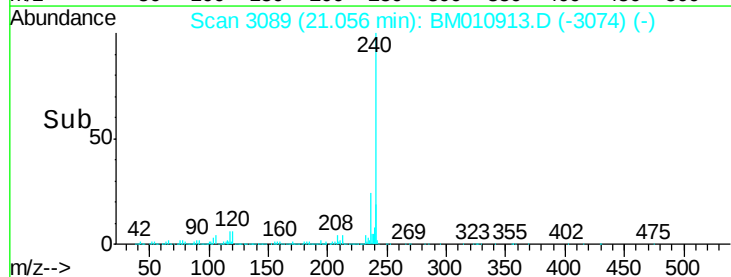
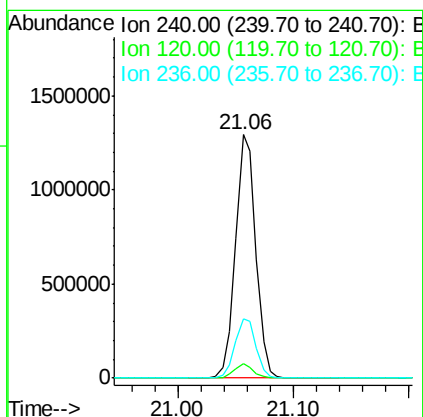
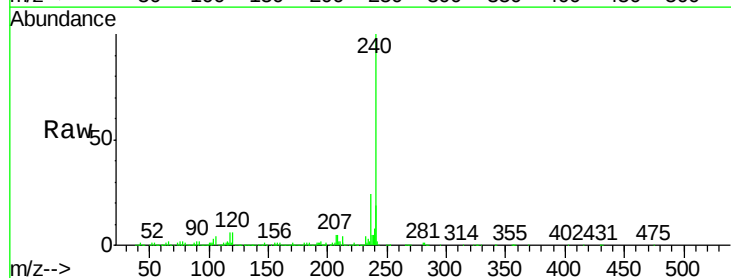
Instrument :
BNA_M
ClientSampleId :

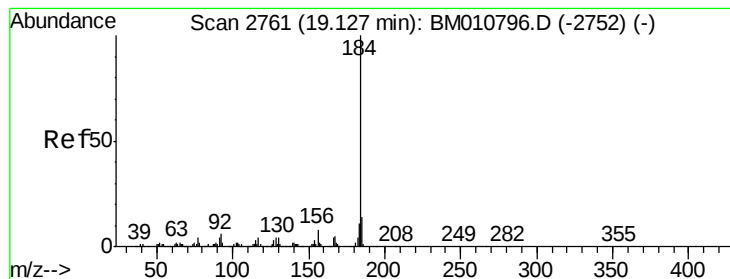
Tot Ion:188 Resp: 1560679
Ion Ratio Lower Upper
188 100
94 6.4 8.7 13.1#
80 8.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 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: 14.44 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 :

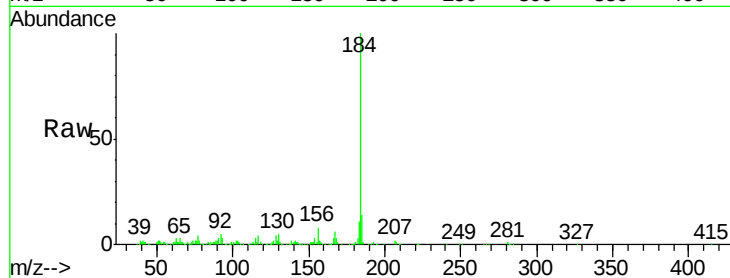
Tot Ion:184 Resp: 607566

Ion Ratio Lower Upper

184 100

185 13.6 11.3 16.9

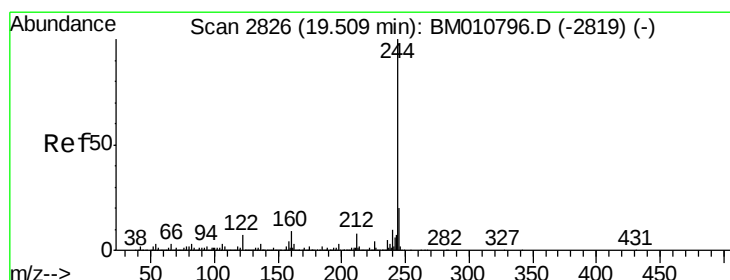
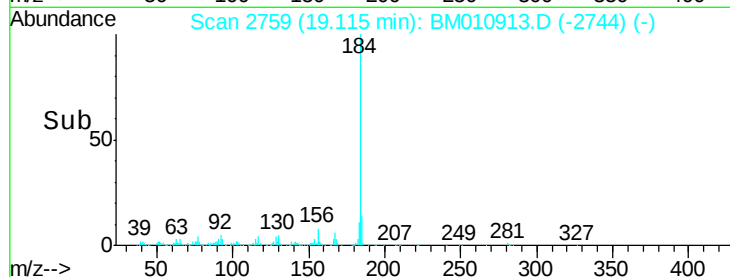
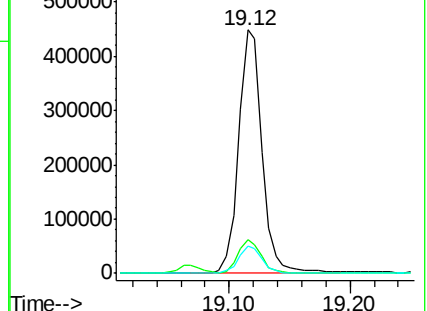
183 11.1 8.9 13.3



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: 96.50 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010913.D

Acq: 20 Jul 2017 17:50

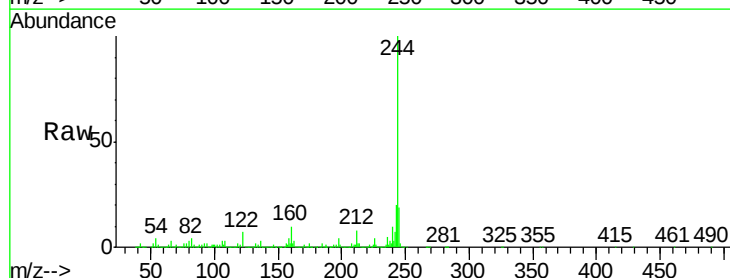
Tgt Ion:244 Resp: 7847609

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

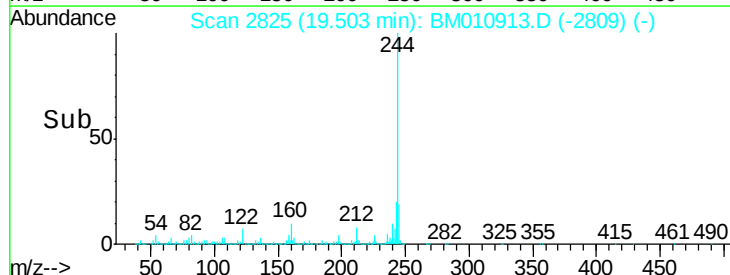
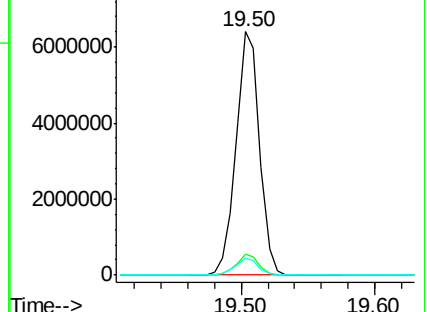
122 7.2 6.2 9.4

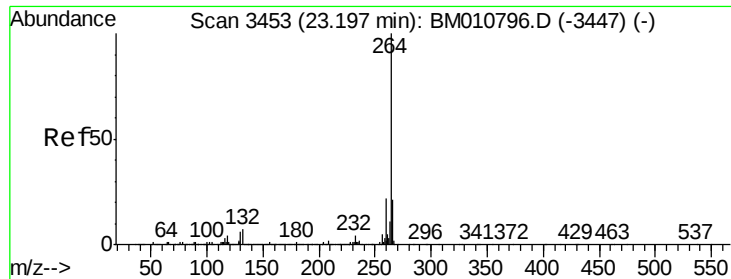


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



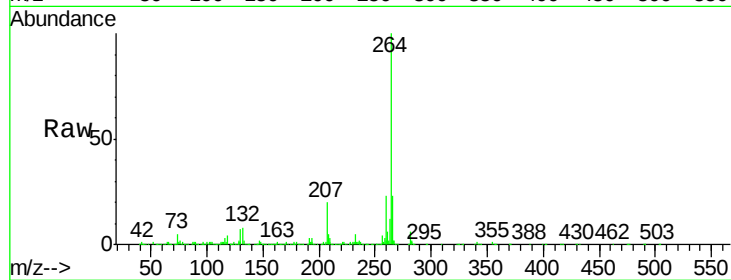


#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.19 min Scan# 3451
 Delta R.T. -0.01 min
 Lab File: BM010913.D
 Acq: 20 Jul 2017 17:50

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 1238516

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

