

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
 Data File : BM010934.D
 Acq On : 21 Jul 2017 09:35
 Operator : SJ/JU
 Sample : I4258-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jul 21 12:12:46 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

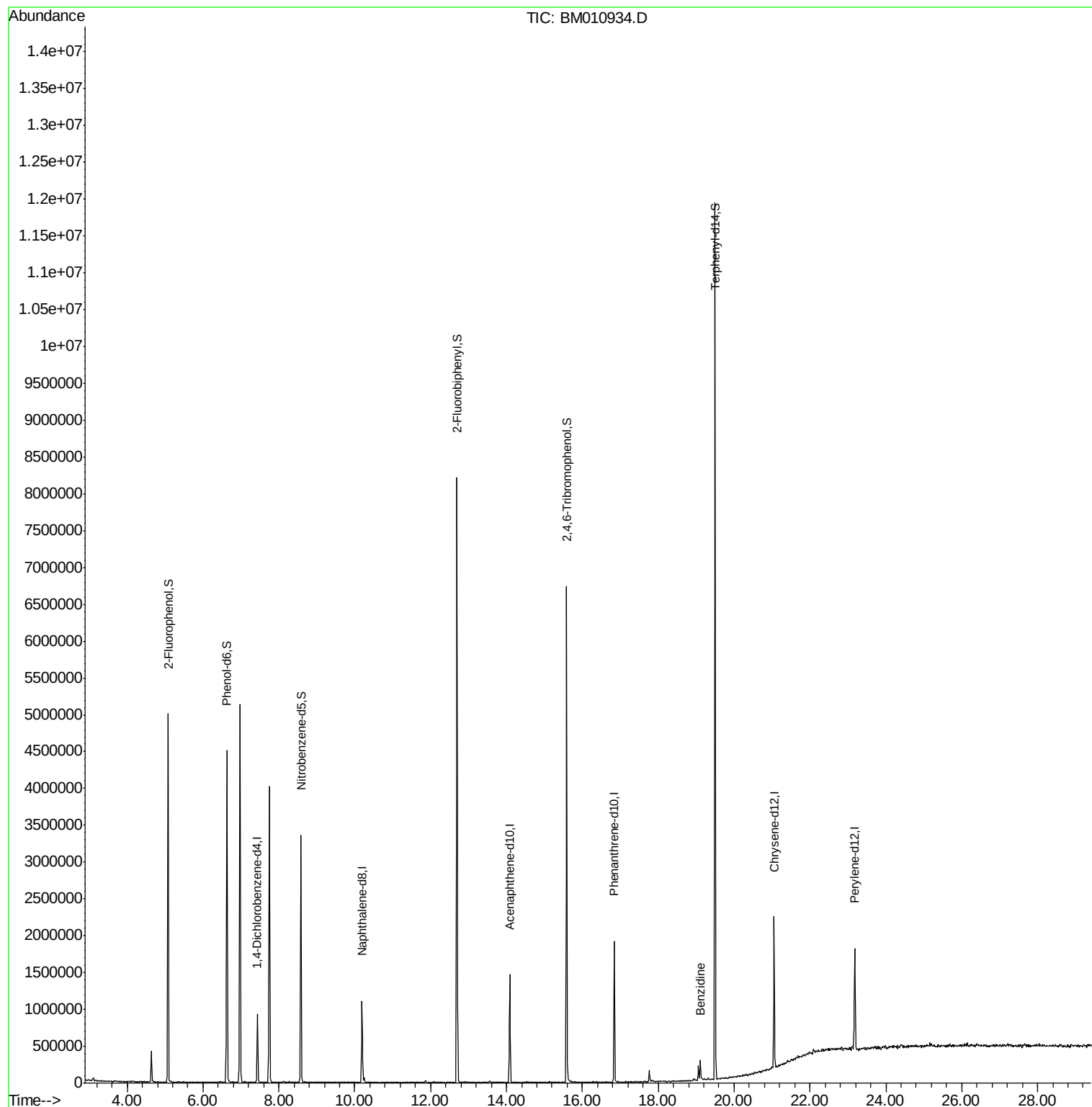
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	188279	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	685692	20.00	ng	-0.02
38) Acenaphthene-d10	14.09	164	436266	20.00	ng	-0.01
63) Phenanthrene-d10	16.84	188	1006668	20.00	ng	-0.01
75) Chrysene-d12	21.06	240	953464	20.00	ng	-0.01
86) Perylene-d12	23.19	264	945767	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1581777	139.17	ng	0.00
7) Phenol-d6	6.63	99	1925906	122.91	ng	0.00
23) Nitrobenzene-d5	8.58	82	1816540	101.83	ng	-0.01
41) 2,4,6-Tribromophenol	15.59	330	938322	140.74	ng	-0.01
44) 2-Fluorobiphenyl	12.70	172	3527587	100.59	ng	-0.01
78) Terphenyl-d14	19.50	244	4583434	92.98	ng	0.00
Target Compounds						
76) Benzidine	19.12	184	147275	5.772	ng	Qvalue 98

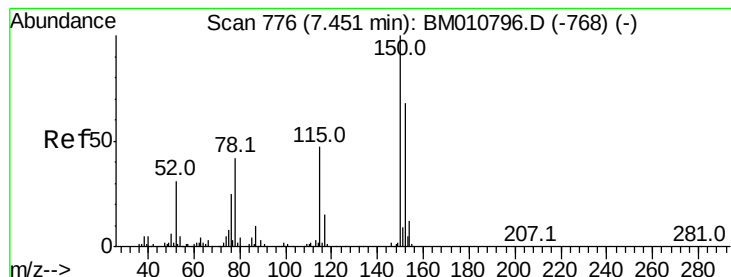
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
Data File : BM010934.D
Acq On : 21 Jul 2017 09:35
Operator : SJ/JU
Sample : I4258-03RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jul 21 12:12:46 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



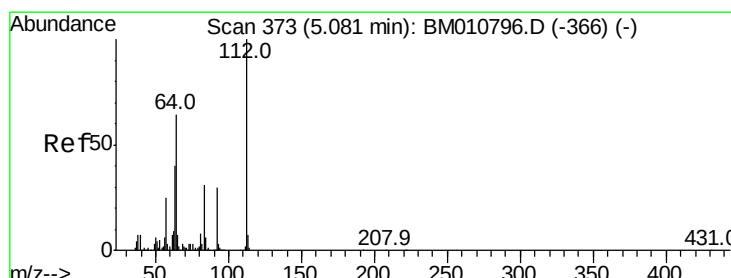
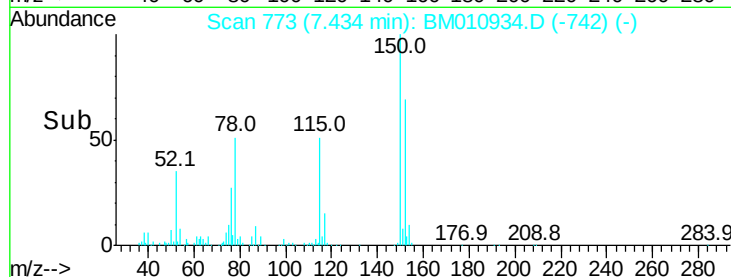
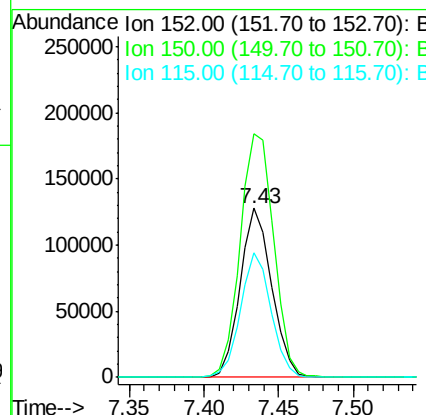
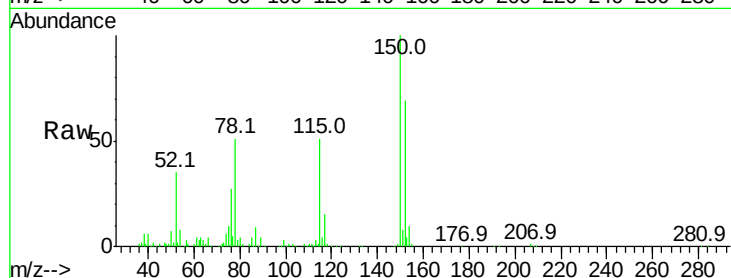


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 773
Delta R.T. -0.02 min
Lab File: BM010934.D
Acq: 21 Jul 2017 09:35

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

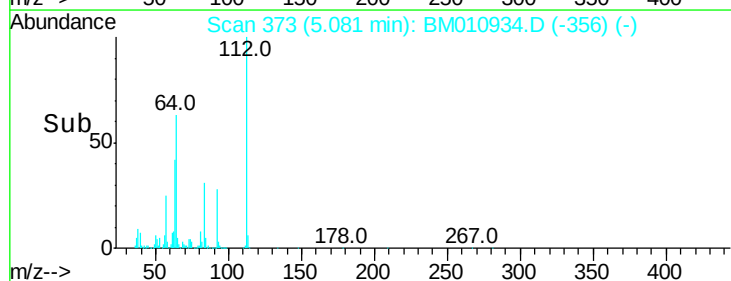
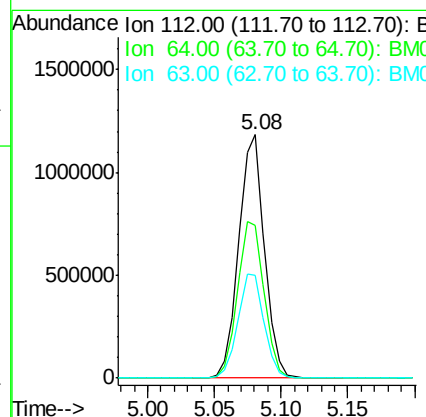
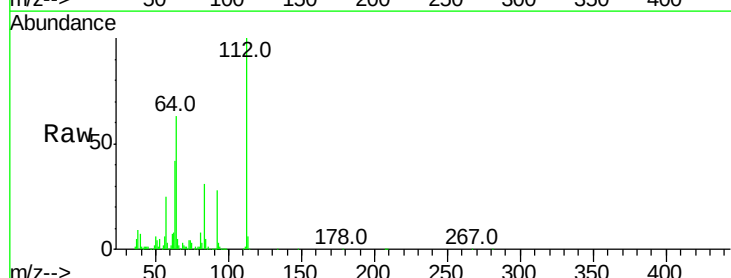
Tot Ion:152 Resp: 188279
Ion Ratio Lower Upper
152 100
150 144.3 119.5 179.3
115 74.1 43.0 64.4#

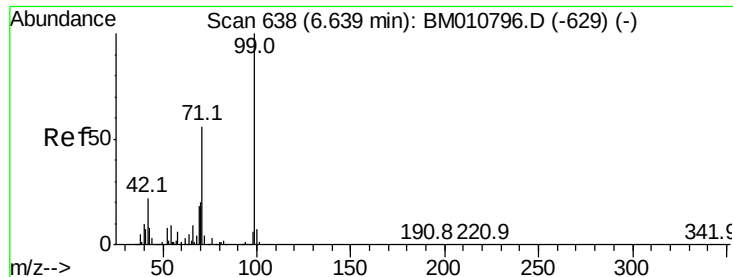


#5

2-Fluorophenol
Concen: 139.166 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010934.D
Acq: 21 Jul 2017 09:35

Tgt Ion:112 Resp: 1581777
Ion Ratio Lower Upper
112 100
64 62.9 38.6 57.8#
63 42.2 19.3 28.9#





#7

Phenol-d6

Concen: 122.910 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010934.D

Acq: 21 Jul 2017 09:35

Instrument :

BNA_M

ClientSampleId :

OK-02-071817-ARE

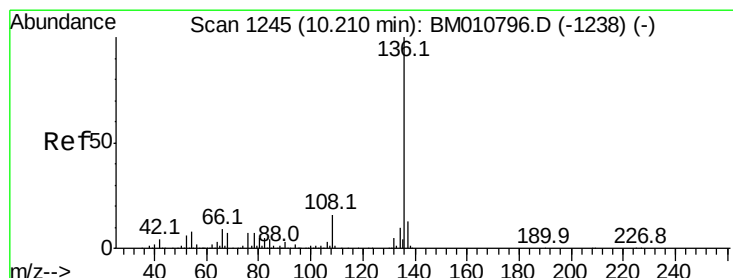
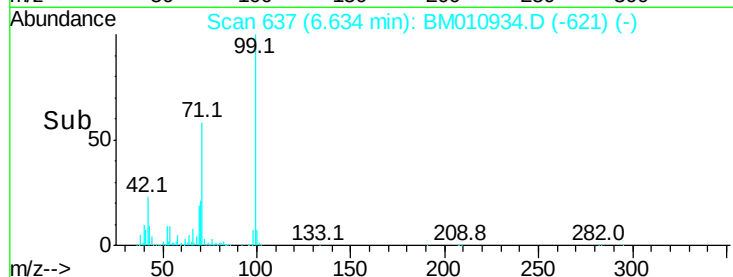
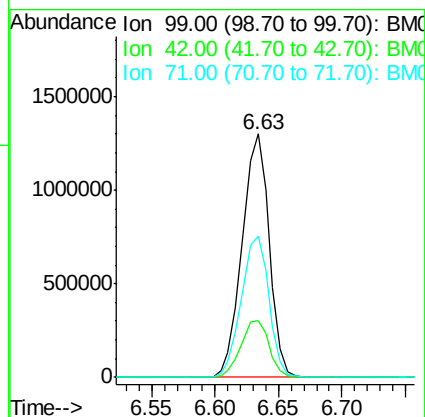
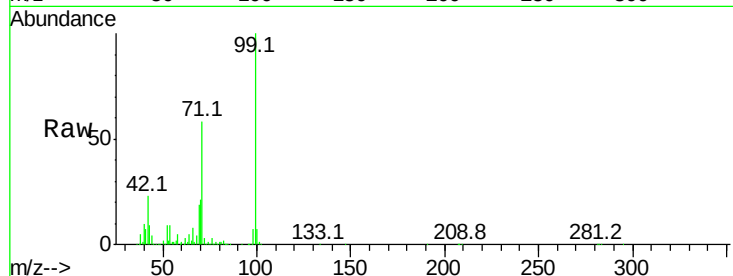
Tot Ion: 99 Resp: 1925906

Ion Ratio Lower Upper

99 100

42 23.5 11.0 16.4#

71 57.9 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.19 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BM010934.D

Acq: 21 Jul 2017 09:35

Tgt Ion: 136 Resp: 685692

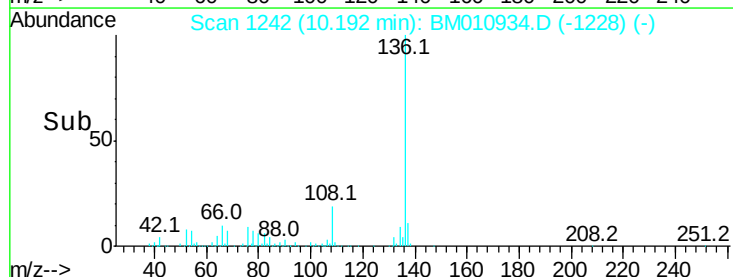
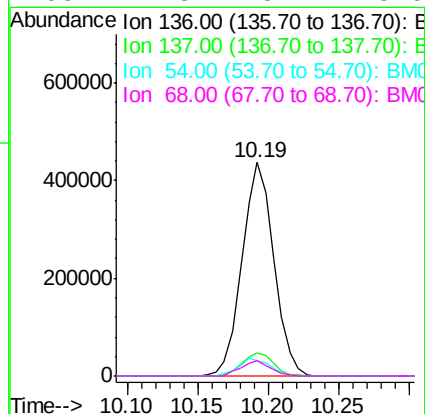
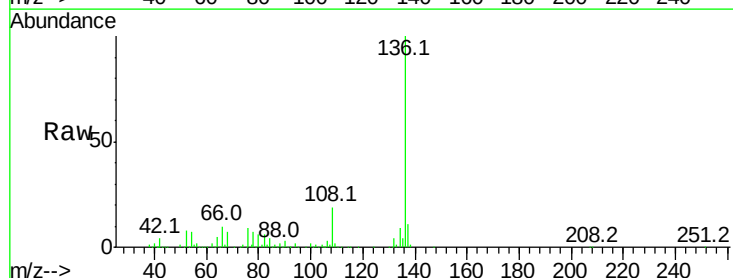
Ion Ratio Lower Upper

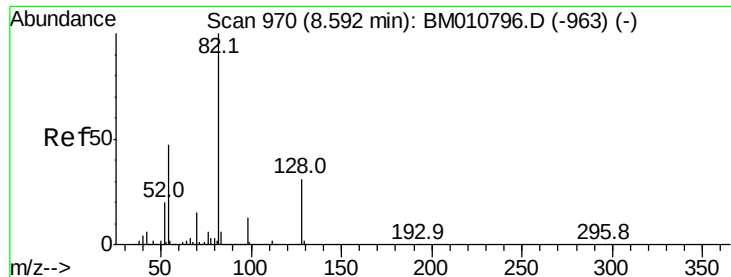
136 100

137 10.8 8.7 13.1

54 7.5 4.6 6.8#

68 7.3 3.7 5.5#

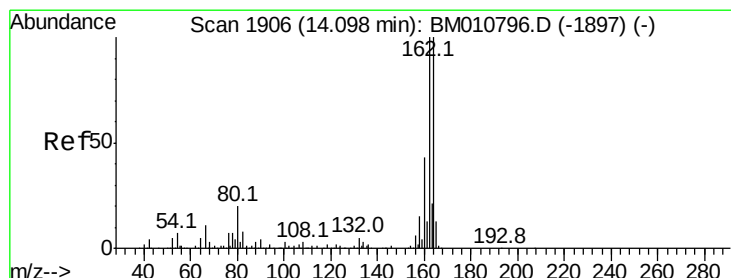
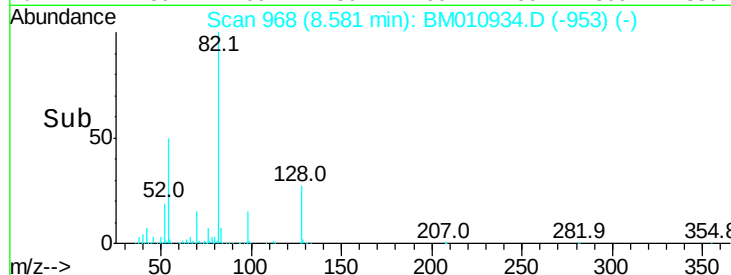
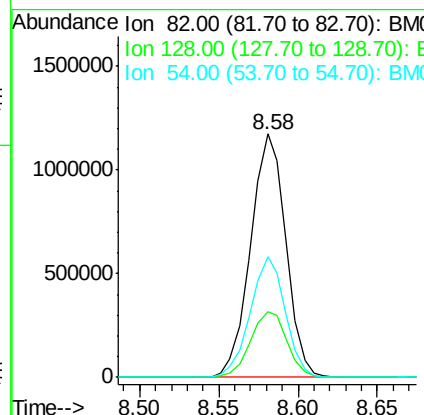
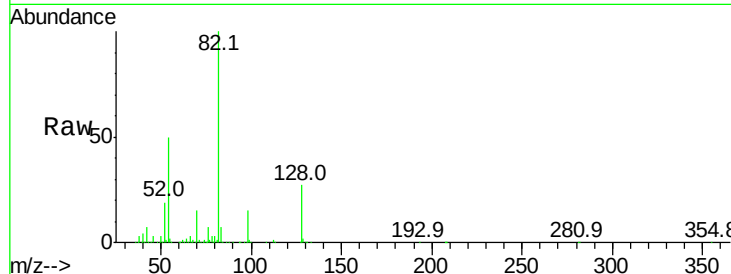




#23
 Nitrobenzene-d5
 Concen: 101.829 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM010934.D
 Acq: 21 Jul 2017 09:35

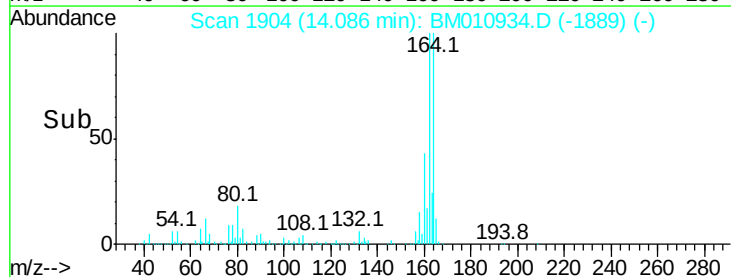
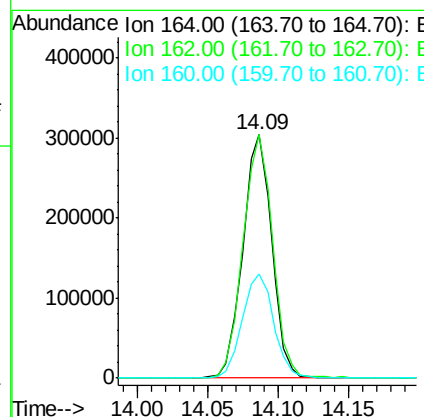
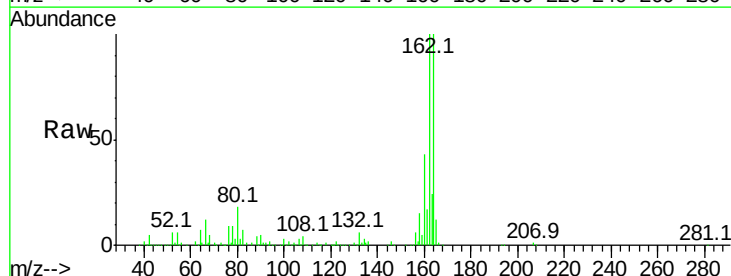
Instrument :
 BNA_M
 ClientSampleId :
 OK-02-071817-ARE

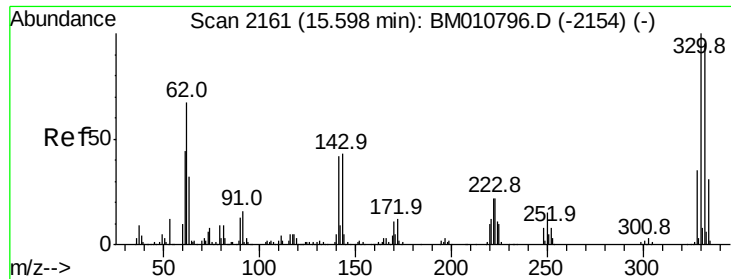
Tot Ion: 82 Resp: 1816540
 Ion Ratio Lower Upper
 82 100
 128 27.0 32.8 49.2#
 54 49.5 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BM010934.D
 Acq: 21 Jul 2017 09:35

Tgt Ion: 164 Resp: 436266
 Ion Ratio Lower Upper
 164 100
 162 100.1 82.4 123.6
 160 42.6 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 140.742 ng

RT: 15.59 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BM010934.D

Acq: 21 Jul 2017 09:35

Instrument :

BNA_M

ClientSampleId :

OK-02-071817-ARE

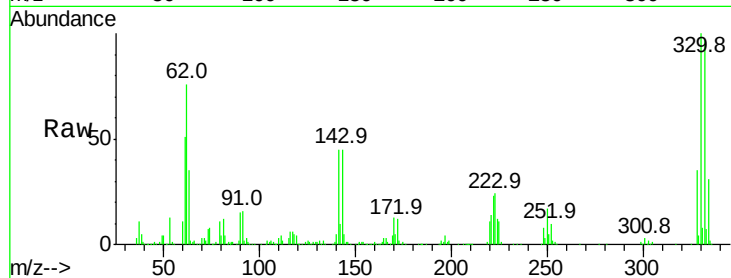
Tot Ion:330 Resp: 938322

Ion Ratio Lower Upper

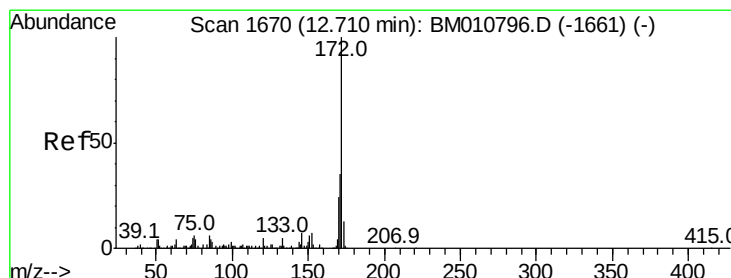
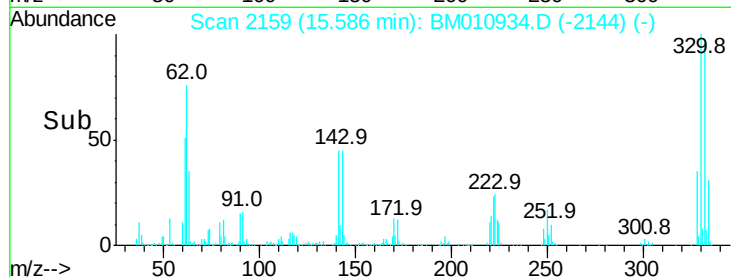
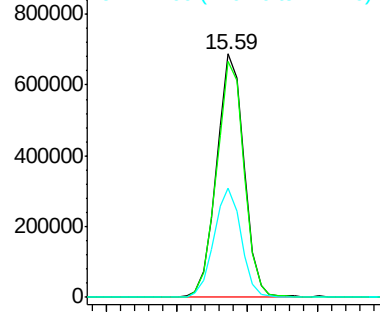
330 100

332 97.0 0.0 0.0#

141 44.6 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: 100.590 ng

RT: 12.70 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BM010934.D

Acq: 21 Jul 2017 09:35

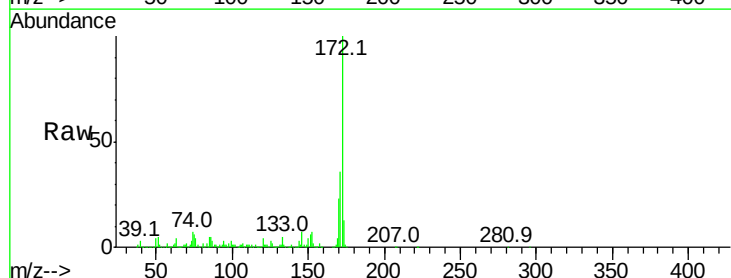
Tgt Ion:172 Resp: 3527587

Ion Ratio Lower Upper

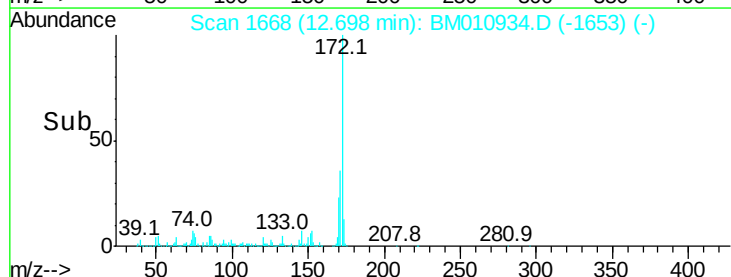
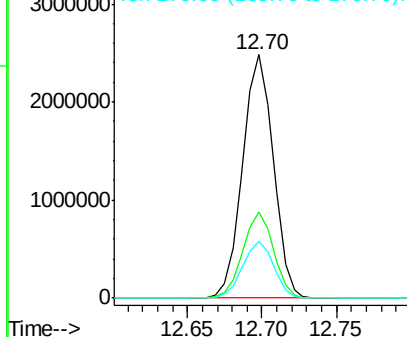
172 100

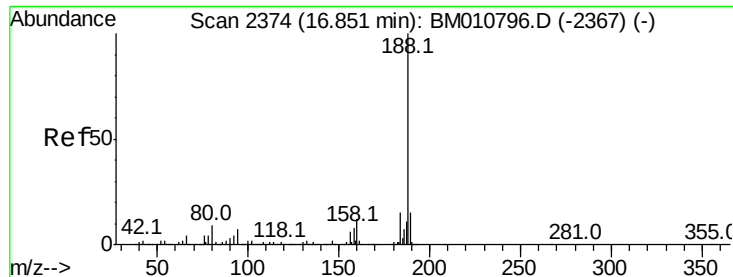
171 35.6 28.5 42.7

170 23.3 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

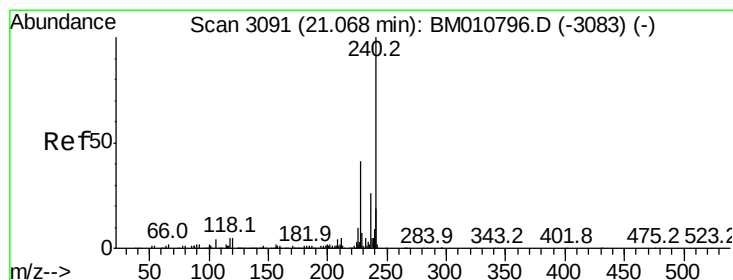
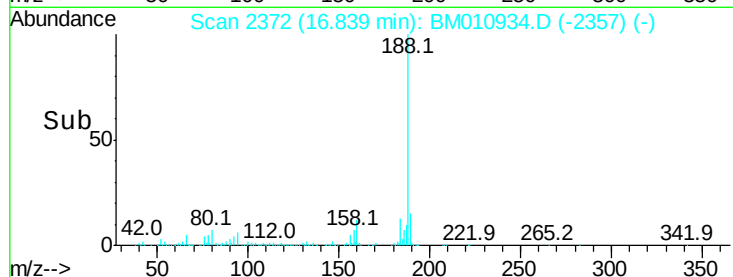
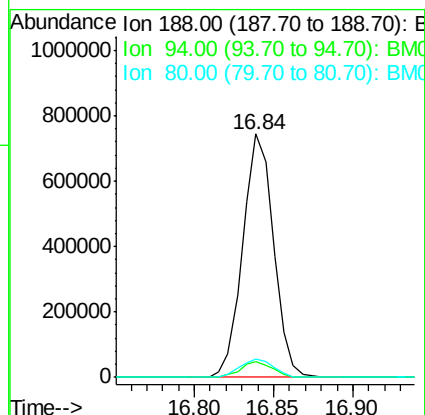
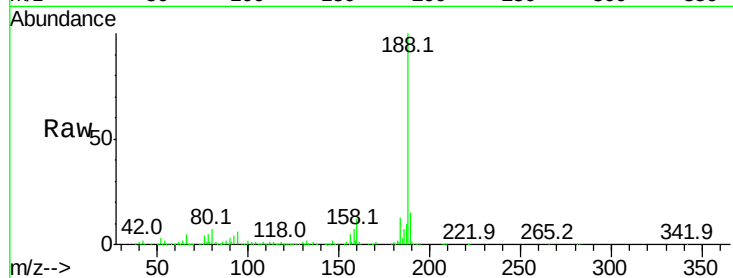




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM010934.D
Acq: 21 Jul 2017 09:35

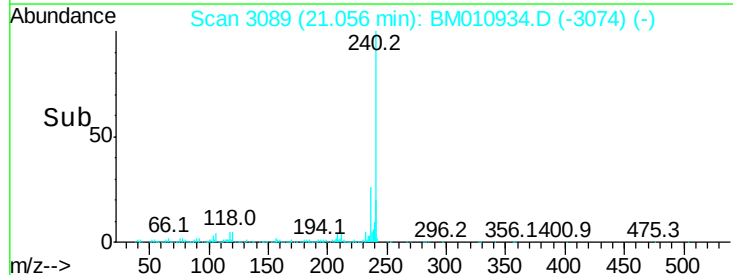
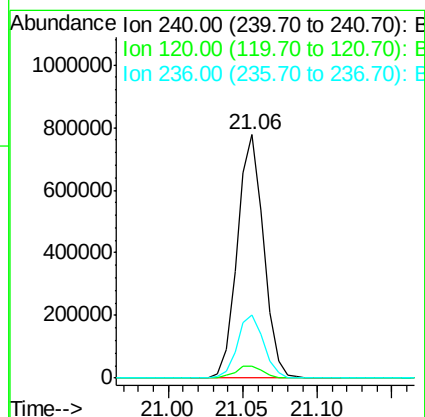
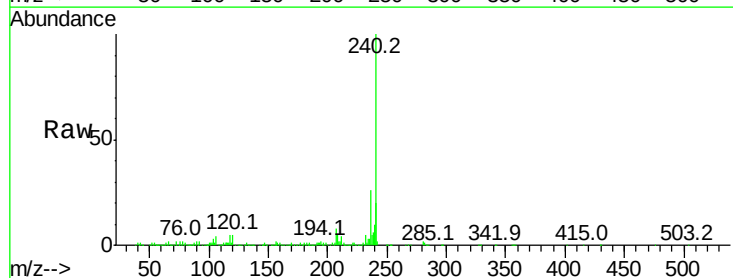
Instrument :
BNA_M
ClientSampleId :
OK-02-071817-ARE

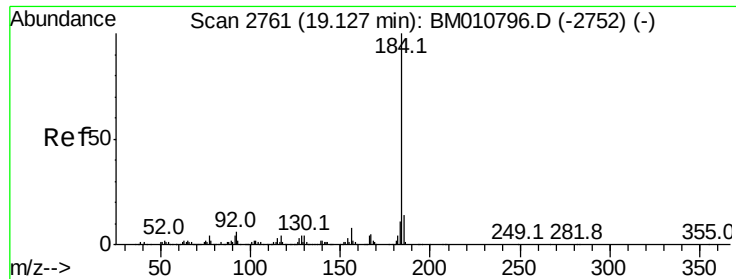
Tot Ion:188 Resp: 1006668
Ion Ratio Lower Upper
188 100
94 6.5 8.7 13.1#
80 7.4 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM010934.D
Acq: 21 Jul 2017 09:35

Tgt Ion:240 Resp: 953464
Ion Ratio Lower Upper
240 100
120 4.9 8.2 12.2#
236 25.7 20.0 30.0





#76

Benzidine

Concen: 5.772 ng

RT: 19.12 min Scan# 2759

Delta R.T. -0.01 min

Lab File: BM010934.D

Acq: 21 Jul 2017 09:35

Instrument :

BNA_M

ClientSampleId :

OK-02-071817-ARE

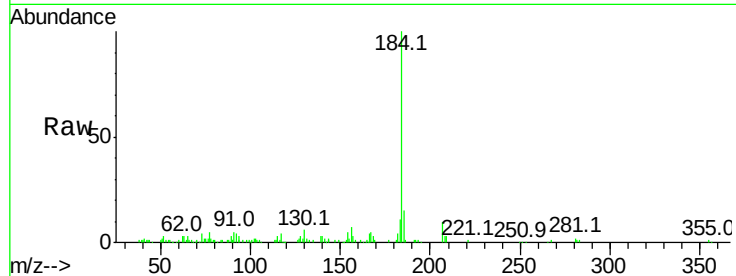
Tot Ion:184 Resp: 147275

Ion Ratio Lower Upper

184 100

185 15.4 11.3 16.9

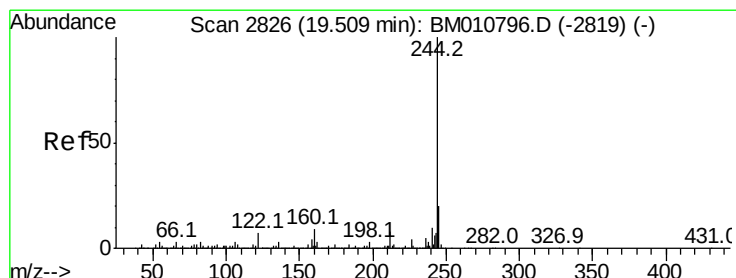
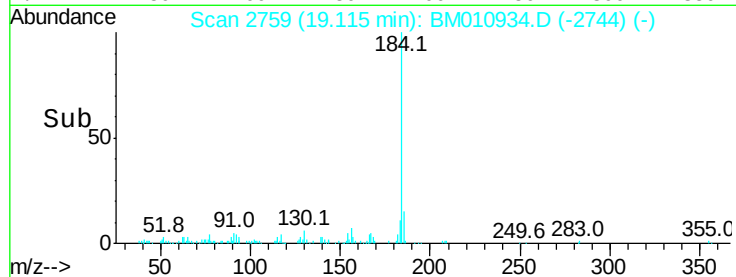
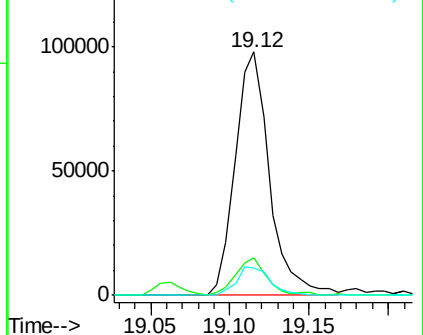
183 11.4 8.9 13.3



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: 92.975 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010934.D

Acq: 21 Jul 2017 09:35

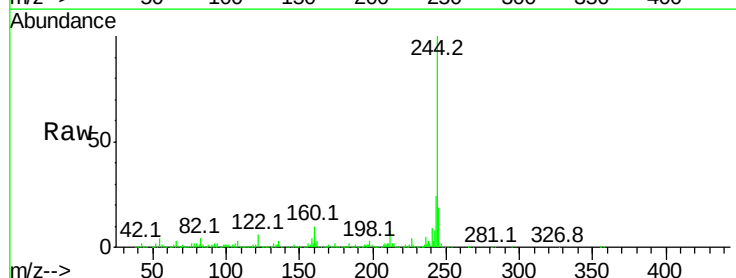
Tgt Ion:244 Resp: 4583434

Ion Ratio Lower Upper

244 100

212 8.2 4.9 7.3#

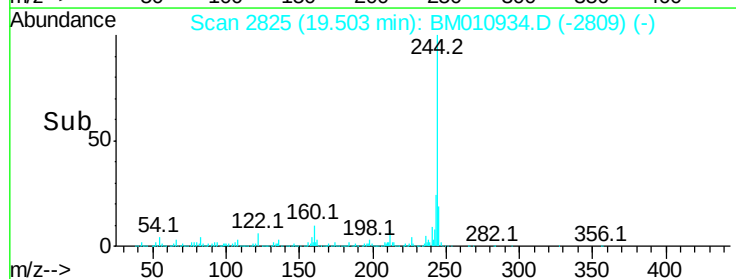
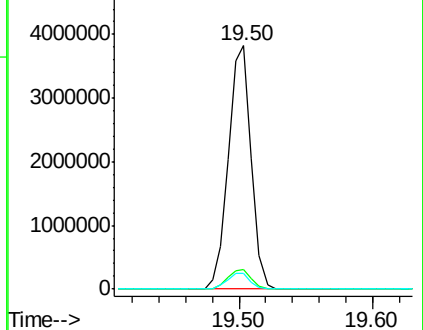
122 6.4 6.2 9.4

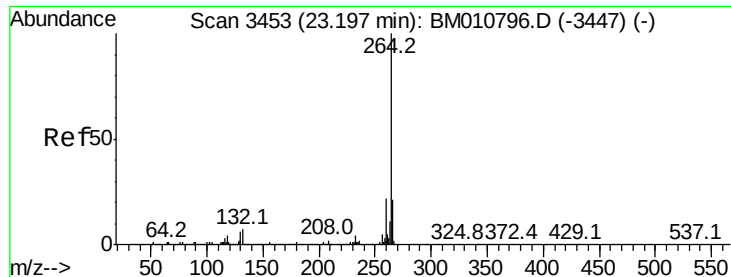


Abundance Ion 244.00 (243.70 to 244.70): E

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: BM010934.D
 Acq: 21 Jul 2017 09:35

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

Tot Ion:	264	Resp:	945767
Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.6	27.8
265	22.1	17.3	25.9

