

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088353.D
 Acq On : 25 Jun 2016 1:40
 Operator : UM/SJ
 Sample : H3607-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-MW-2-23D

Quant Time: Jun 27 12:44:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

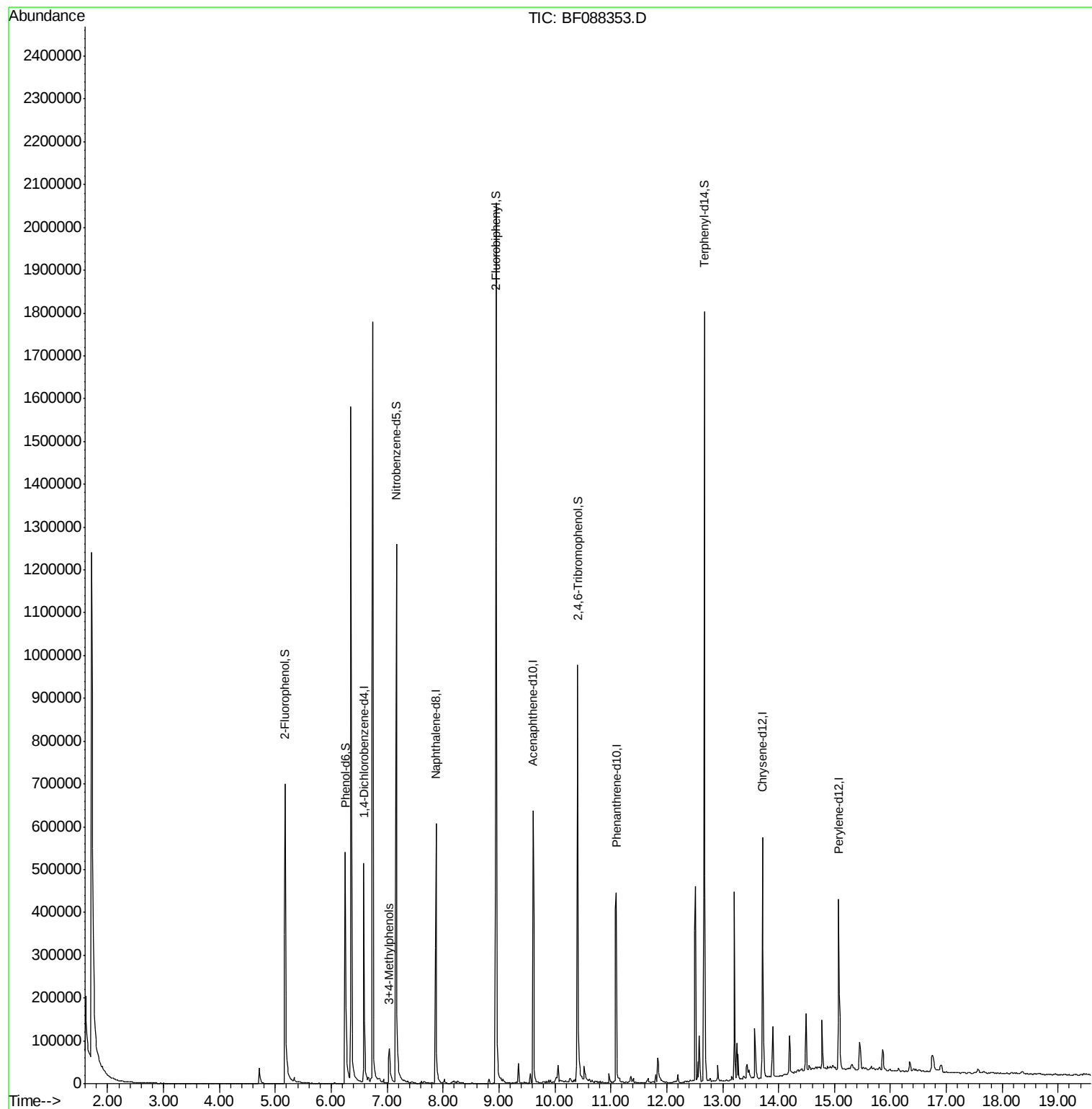
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	102404	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	395366	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	165167	20.00	ng	-0.03
63) Phenanthrene-d10	11.10	188	269878	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	218406	20.00	ng	-0.03
86) Perylene-d12	15.07	264	169172	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	354704	59.21	ng	0.00
7) Phenol-d6	6.25	99	288859	39.79	ng	-0.01
23) Nitrobenzene-d5	7.16	82	592249	87.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	184092	105.56	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	985295	94.32	ng	-0.02
78) Terphenyl-d14	12.67	244	616088	64.19	ng	-0.02
Target Compounds						
20) 3+4-Methylphenols	7.04	107	55384	8.26	ng	Qvalue # 73

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

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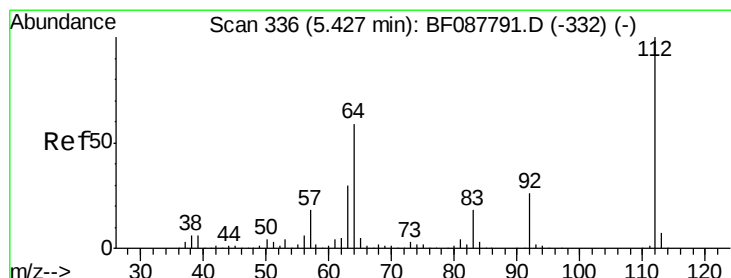
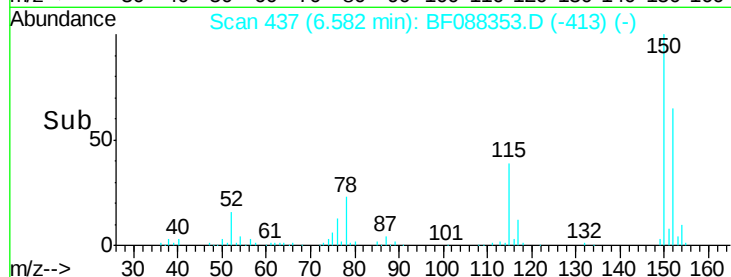
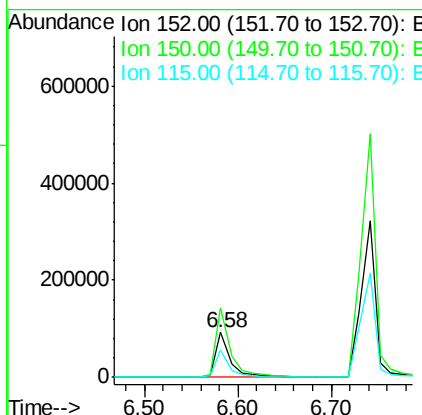
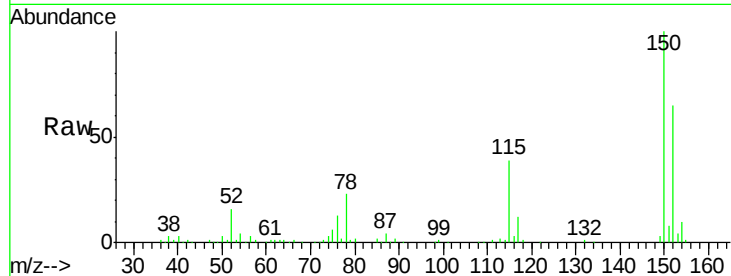




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF088353.D
 Acq: 25 Jun 2016 1:40

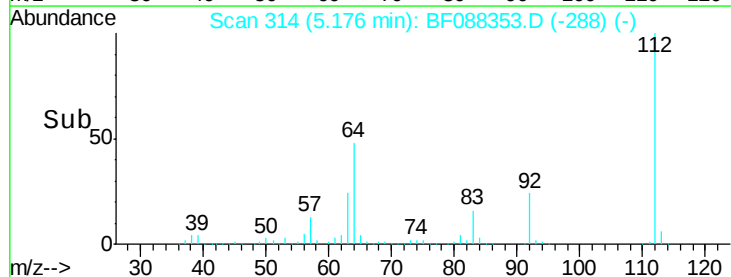
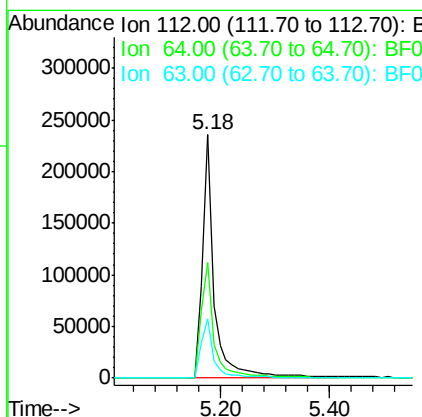
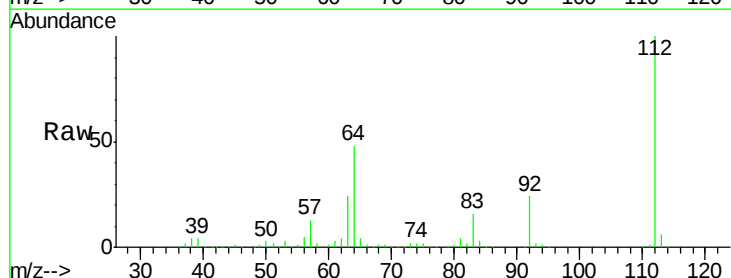
Instrument :
 BNA_F
 ClientSampleId :
 TE-MW-2-23D

Tgt Ion:152 Resp: 102404
 Ion Ratio Lower Upper
 152 100
 150 154.9 123.8 185.6
 115 59.9 39.6 59.4#



#5
 2-Fluorophenol
 Concen: 59.21 ng
 RT: 5.18 min Scan# 314
 Delta R.T. -0.00 min
 Lab File: BF088353.D
 Acq: 25 Jun 2016 1:40

Tgt Ion:112 Resp: 354704
 Ion Ratio Lower Upper
 112 100
 64 47.6 42.2 63.2
 63 24.1 21.8 32.8





#7

Phenol-d6

Concen: 39.79 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF088353.D

Acq: 25 Jun 2016 1:40

Instrument :

BNA_F

ClientSampleId :

TE-MW-2-23D

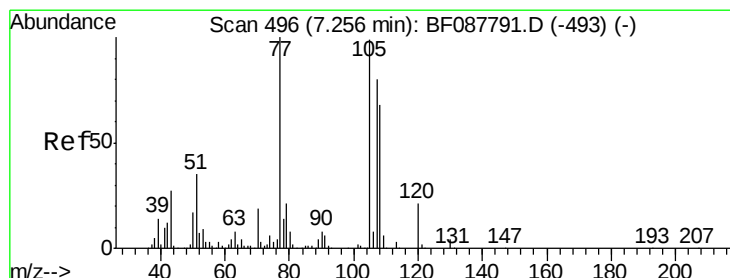
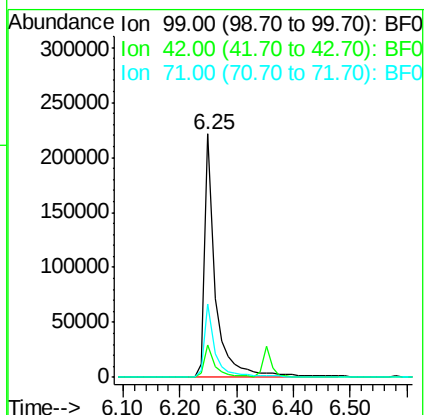
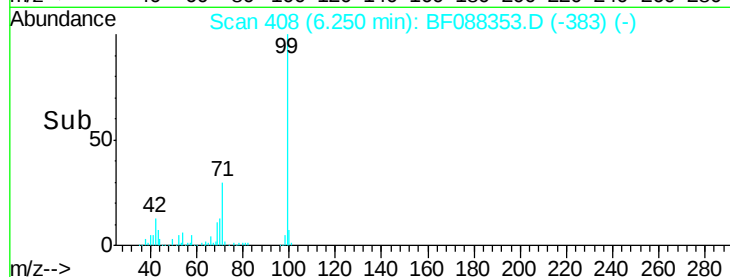
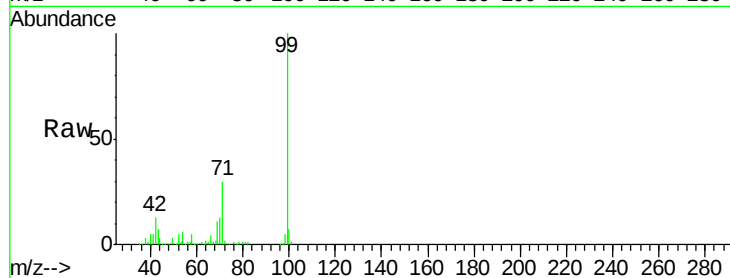
Tgt Ion: 99 Resp: 28859

Ion Ratio Lower Upper

99 100

42 13.2 12.2 18.2

71 30.4 23.4 35.0



#20

3+4-Methylphenols

Concen: 8.26 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF088353.D

Acq: 25 Jun 2016 1:40

Tgt Ion: 107 Resp: 55384

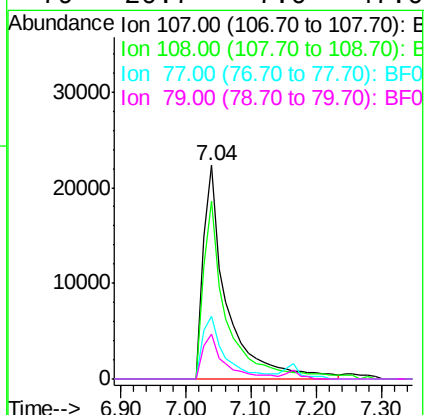
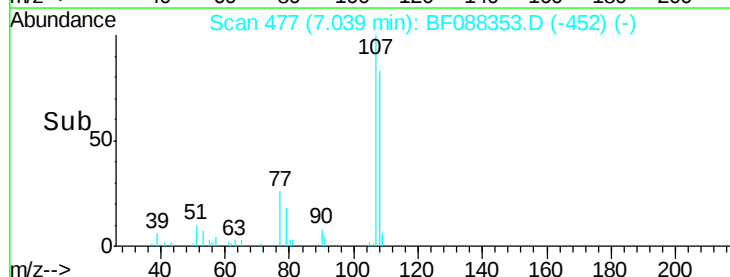
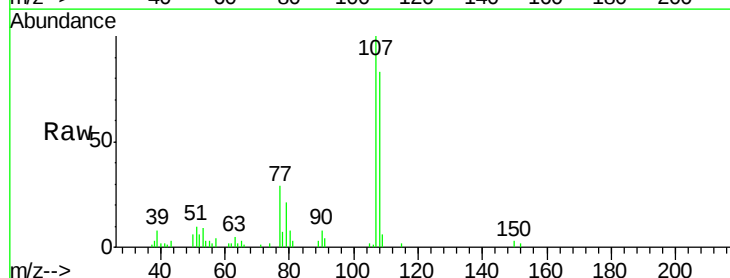
Ion Ratio Lower Upper

107 100

108 83.5 67.8 107.8

77 29.1 59.3 99.3#

79 20.7 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF088353.D

Acq: 25 Jun 2016 1:40

Instrument :

BNA_F

ClientSampleId :

TE-MW-2-23D

Tgt Ion: 136 Resp: 395366

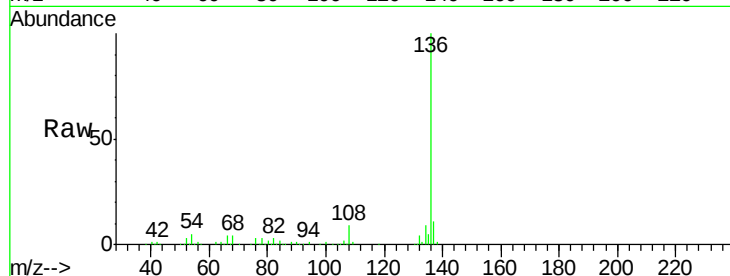
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.1 6.6 10.0#

68 4.4 5.1 7.7#

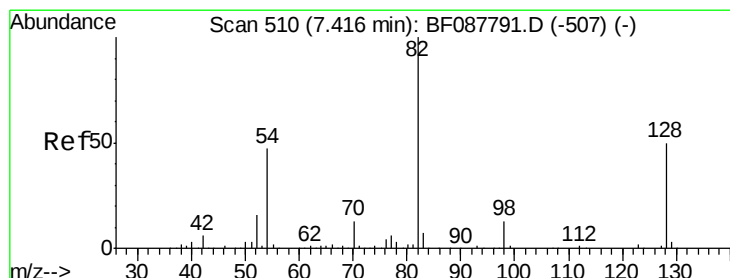
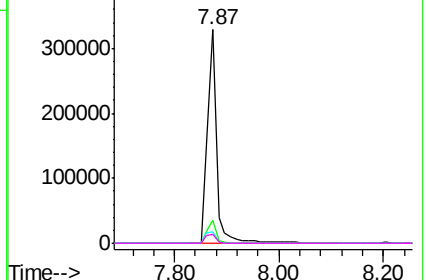
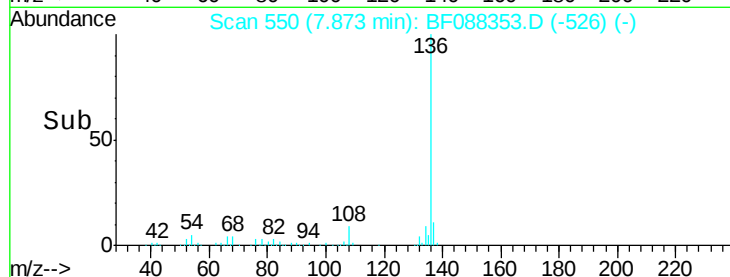


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 87.47 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF088353.D

Acq: 25 Jun 2016 1:40

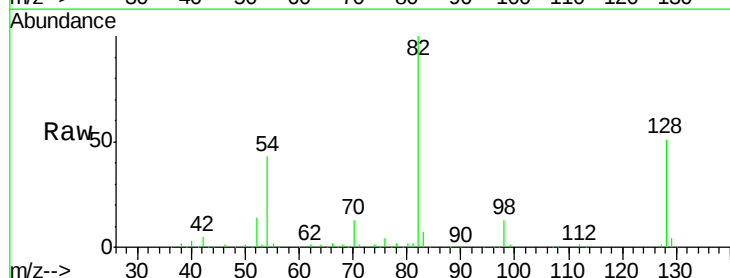
Tgt Ion: 82 Resp: 592249

Ion Ratio Lower Upper

82 100

128 51.1 35.9 53.9

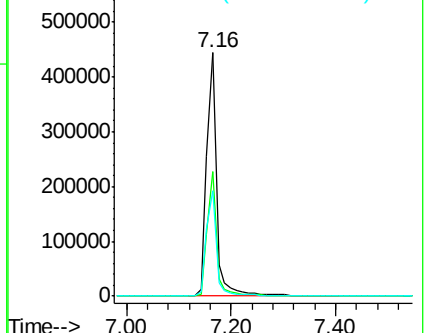
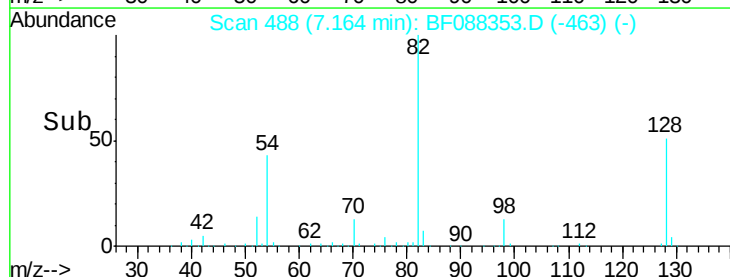
54 43.4 40.9 61.3

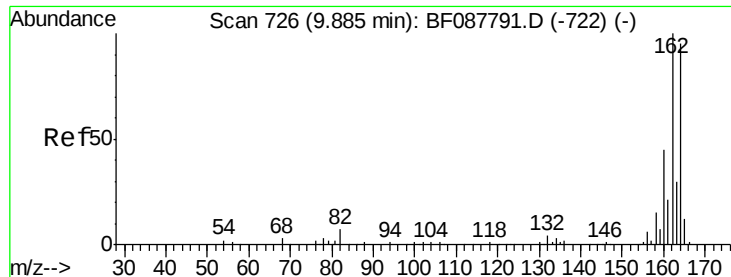


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF088353.D

Acq: 25 Jun 2016 1:40

Instrument :

BNA_F

ClientSampleId :

TE-MW-2-23D

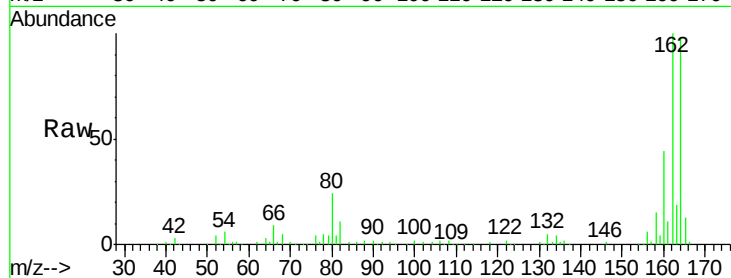
Tgt Ion:164 Resp: 165167

Ion Ratio Lower Upper

164 100

162 102.1 85.4 128.2

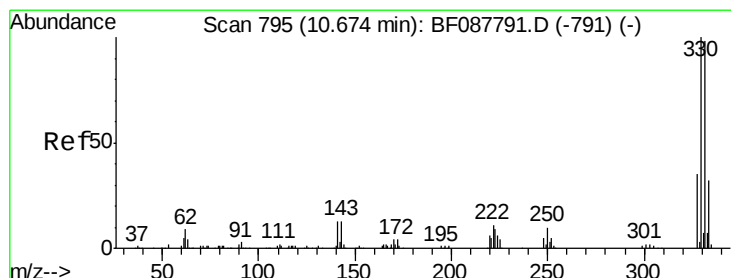
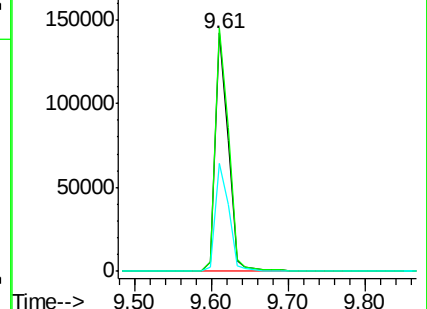
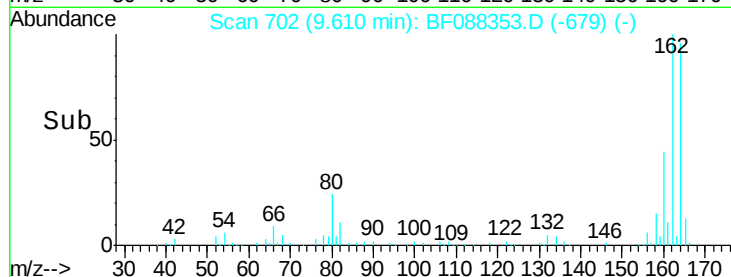
160 45.3 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 105.56 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF088353.D

Acq: 25 Jun 2016 1:40

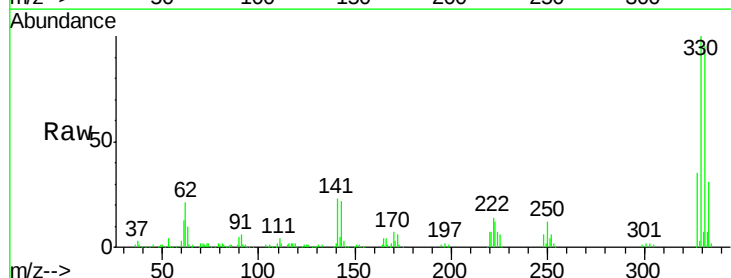
Tgt Ion:330 Resp: 184092

Ion Ratio Lower Upper

330 100

332 94.4 0.0 0.0#

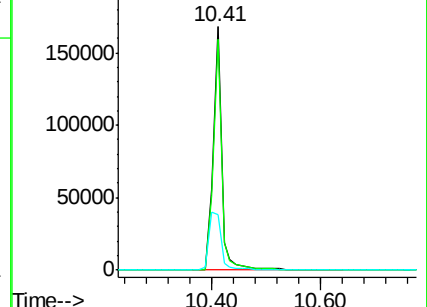
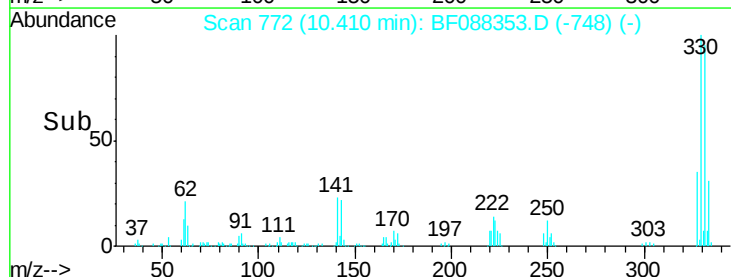
141 34.5 0.0 0.0#



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

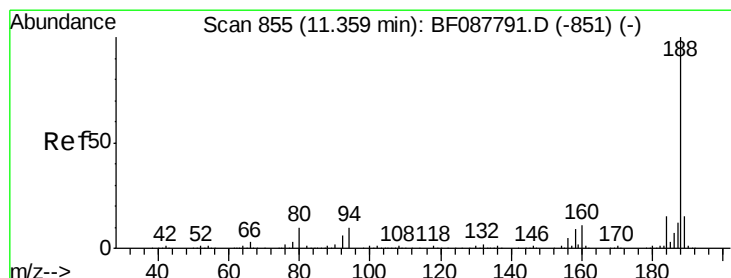
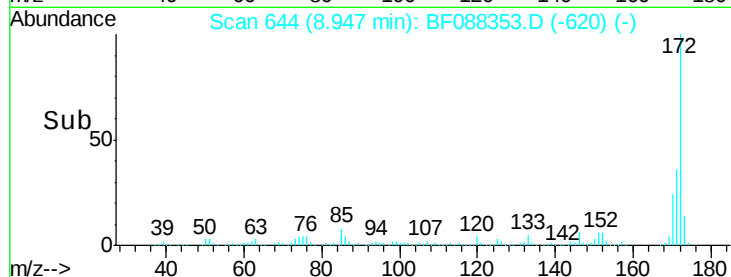
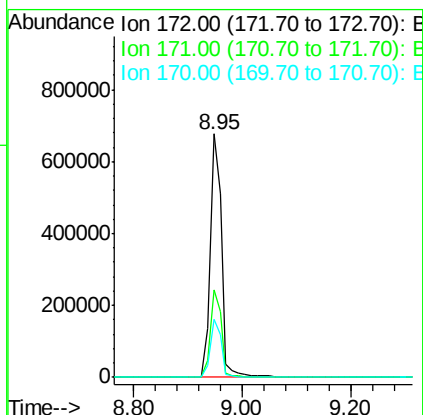
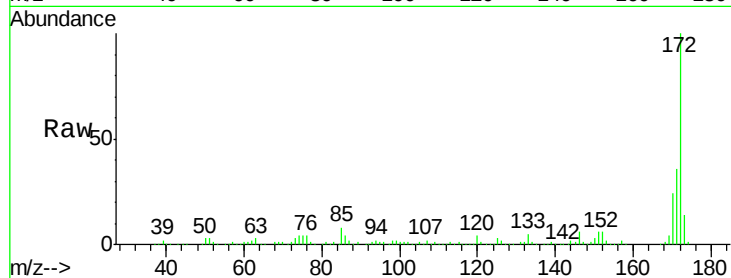




#44
 2-Fluorobiphenyl
 Concen: 94.32 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF088353.D
 Acq: 25 Jun 2016 1:40

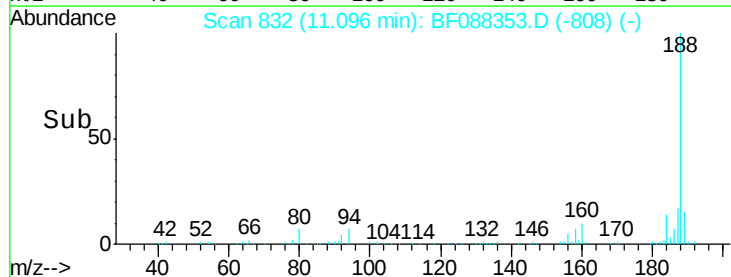
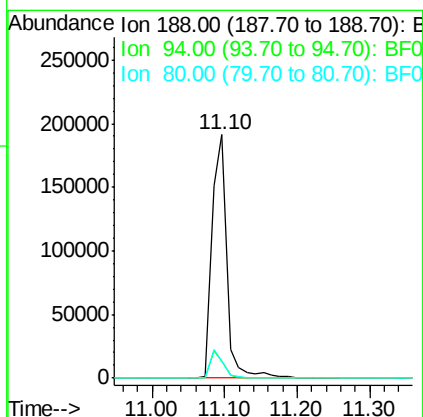
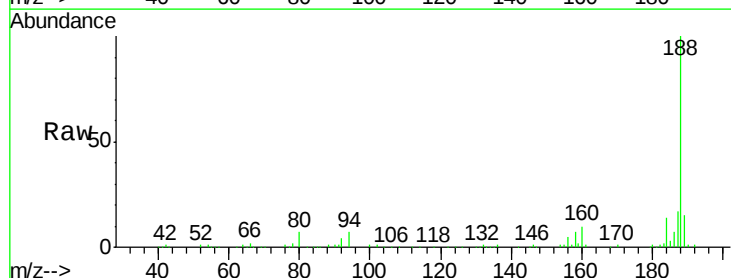
Instrument :
 BNA_F
 ClientSampleId :
 TE-MW-2-23D

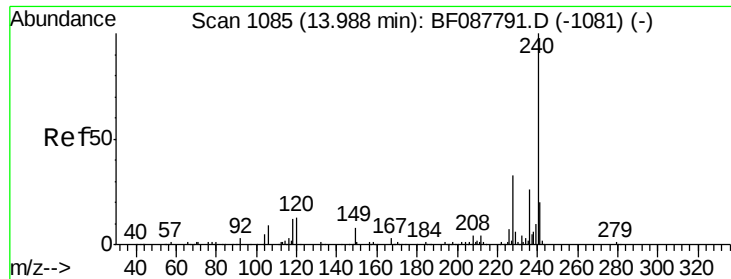
Tgt Ion:172 Resp: 985295
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.0 19.2 28.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF088353.D
 Acq: 25 Jun 2016 1:40

Tgt Ion:188 Resp: 269878
 Ion Ratio Lower Upper
 188 100
 94 7.0 9.0 13.6#
 80 7.1 10.0 15.0#

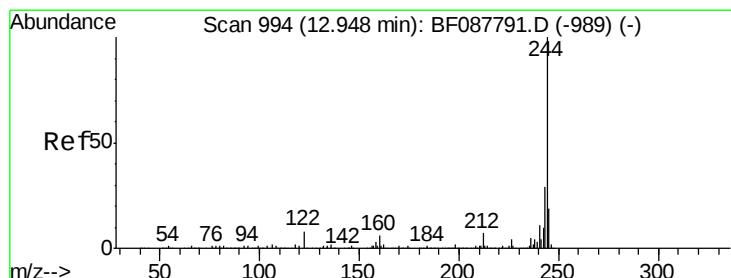
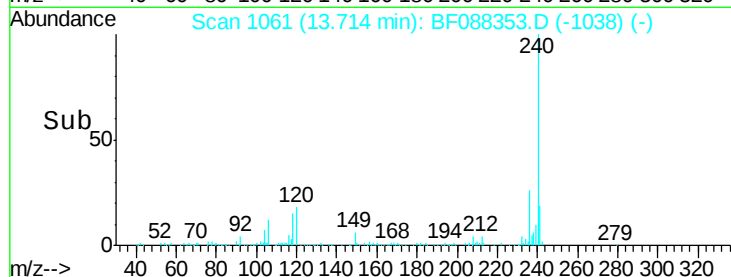
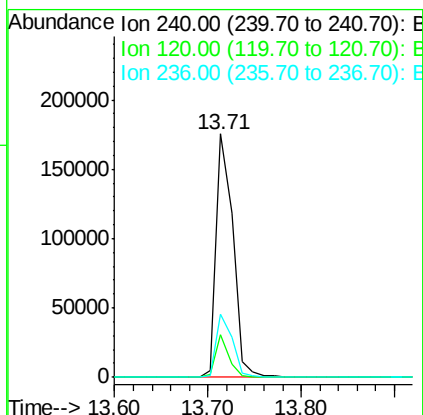
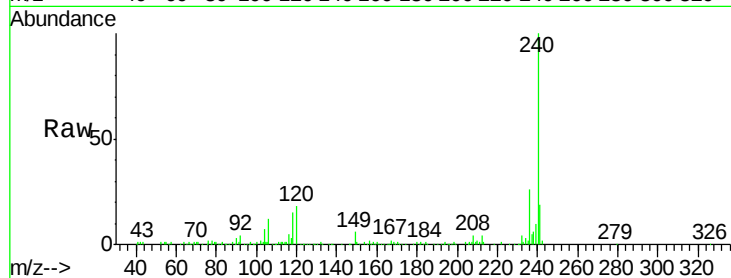




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BF088353.D
Acq: 25 Jun 2016 1:40

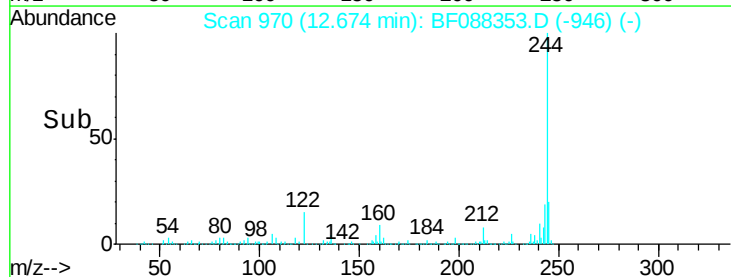
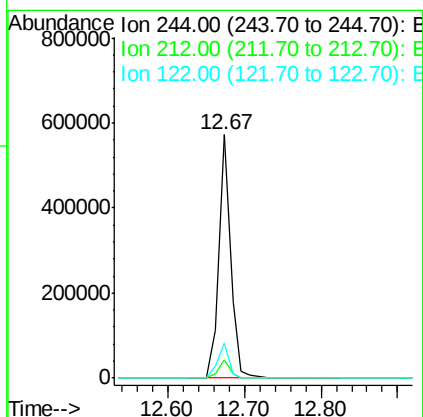
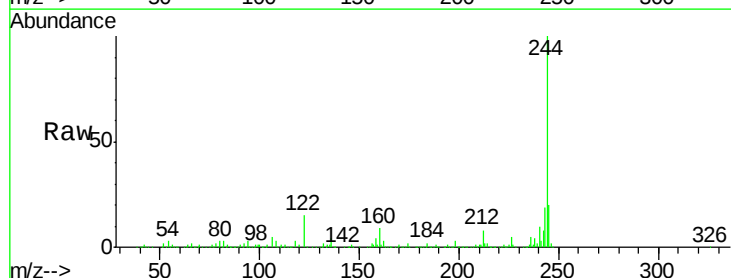
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TE-MW-2-23D

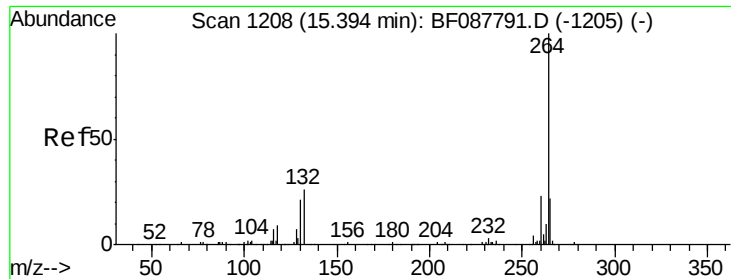
Tgt Ion:240 Resp: 218406
Ion Ratio Lower Upper
240 100
120 17.6 6.8 10.2#
236 25.7 20.2 30.2



#78
Terphenyl-d14
Concen: 64.19 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF088353.D
Acq: 25 Jun 2016 1:40

Tgt Ion:244 Resp: 616088
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 14.6 11.2 16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.03 min
Lab File: BF088353.D
Acq: 25 Jun 2016 1:40

Instrument :
BNA_F
ClientSampleId :
TE-MW-2-23D

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.9	16.9	25.3

