

Data Path : Z:\HPCHEM1\BNA F\Data\BF072916\
 Data File : BF089399.D
 Acq On : 29 Jul 2016 8:51
 Operator : UM/SJ
 Sample : H4239-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCMH1-COMP(1-5)

Quant Time: Jul 29 11:10:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:12:17 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

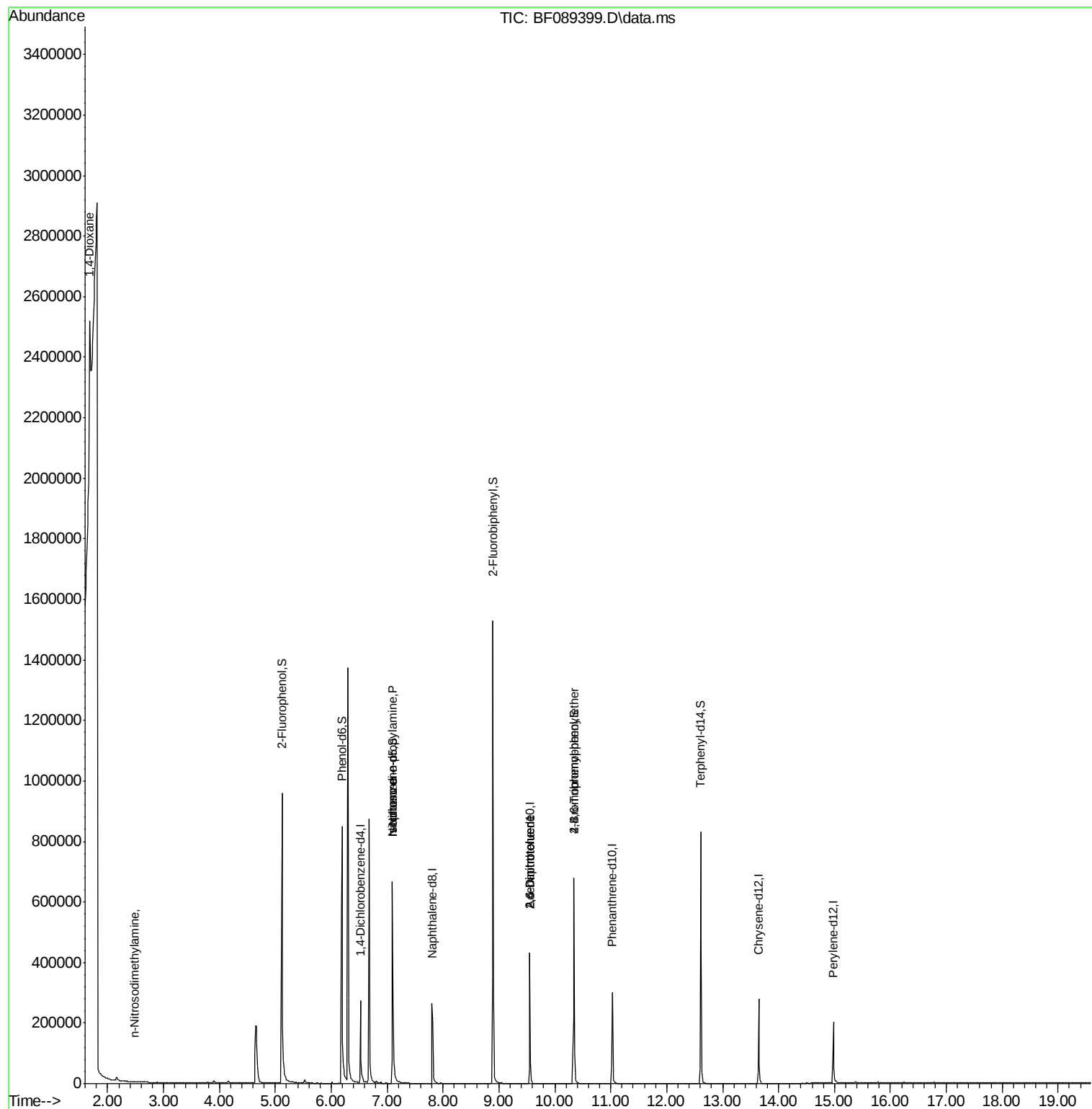
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.524	152	50325	20.00	ng	-0.02
21) Naphthalene-d8	7.805	136	195669	20.00	ng	-0.02
38) Acenaphthene-d10	9.553	164	85404	20.00	ng	-0.02
63) Phenanthrene-d10	11.028	188	129850	20.00	ng	-0.02
75) Chrysene-d12	13.645	240	102711	20.00	ng	-0.02
86) Perylene-d12	14.982	264	92138	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.119	112	376077	119.32	ng	0.01
7) Phenol-d6	6.193	99	466175	111.92	ng	-0.01
23) Nitrobenzene-d5	7.096	82	305096	92.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.342	330	77977	110.24	ng	-0.02
44) 2-Fluorobiphenyl	8.890	172	532524	91.51	ng	-0.02
78) Terphenyl-d14	12.605	244	322462	73.48	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	1.678	88	23918	14.51	ng	# 26
4) n-Nitrosodimethylamine	2.478	42	210	7.87	ng	# 1
19) n-Nitroso-di-n-propyla...	7.096	70	40017	15.93	ng	# 81
25) Isophorone	7.096	82	280208	41.96	ng	# 67
50) 2,6-Dinitrotoluene	9.553	165	10590	7.93	ng	# 24
56) 2,4-Dinitrotoluene	9.553	165	10590	6.02	ng	# 7
66) 4-Bromophenyl-phenylether	10.342	248	5820	4.69	ng	# 1

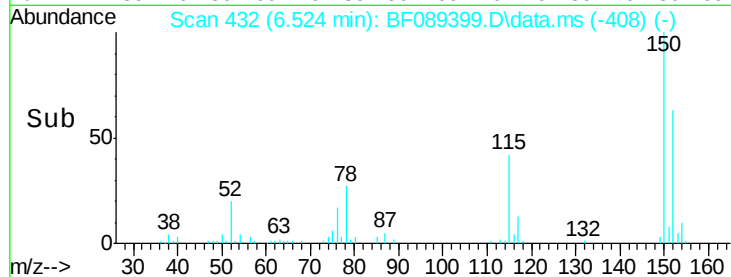
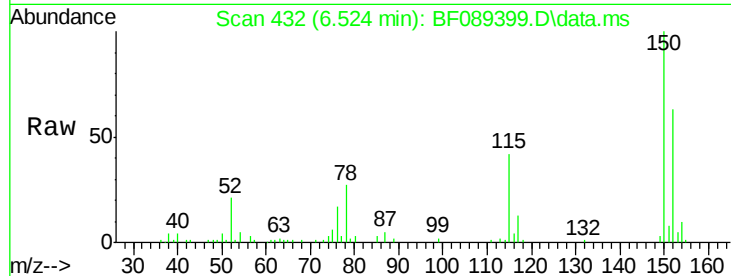
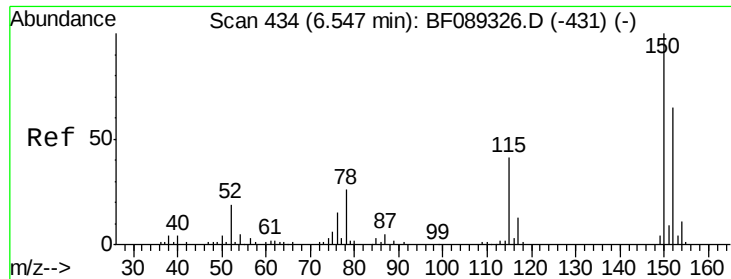
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.524 min Scan# 43

Delta R.T. -0.023 min

Lab File: BF089399.D

Acq: 29 Jul 2016 8:51

Instrument :

BNA_F

ClientSampleId :

WCMH1-COMP(1-5)

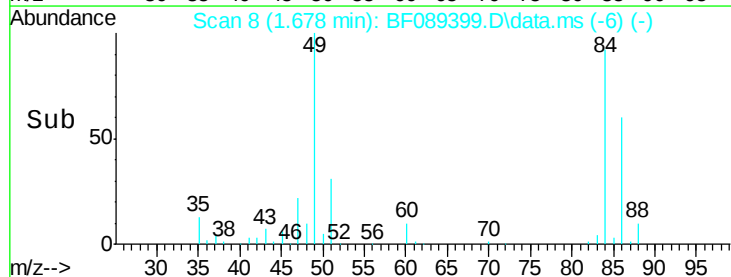
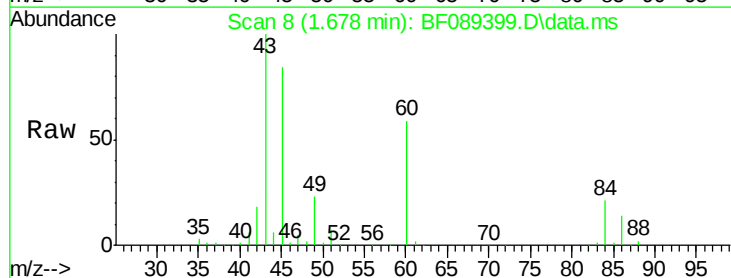
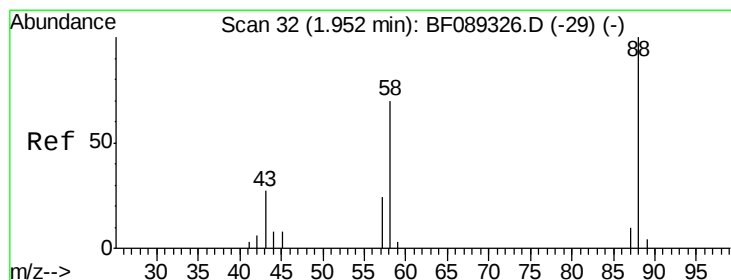
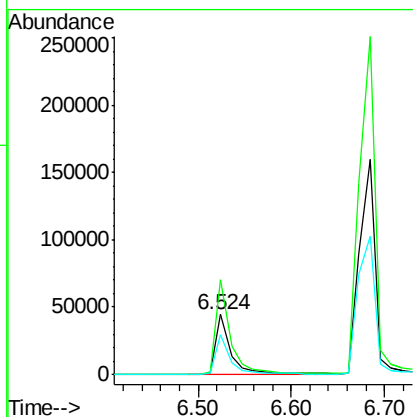
Tot Ion:152 Resp: 50325

Ion Ratio Lower Upper

152 100

150 158.5 129.5 194.3

115 65.8 51.4 77.2



#2

1,4-Dioxane

Concen: 14.51 ng

RT: 1.678 min Scan# 8

Delta R.T. -0.274 min

Lab File: BF089399.D

Acq: 29 Jul 2016 8:51

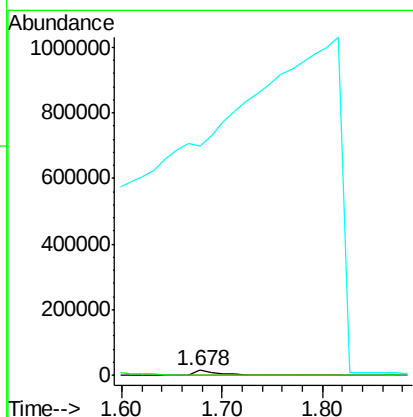
Tgt Ion: 88 Resp: 23918

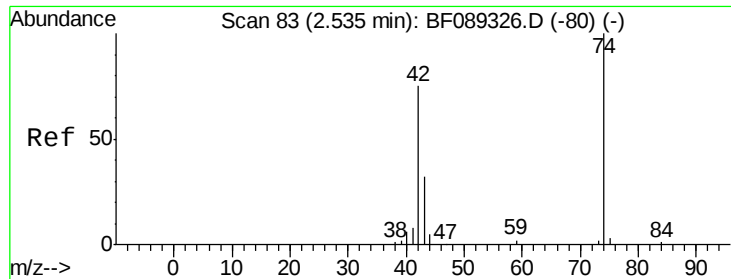
Ion Ratio Lower Upper

88 100

58 0.0 53.2 79.8#

43 0.0 20.6 31.0#





#4

n-Nitrosodimethylamine

Concen: 7.87 ng

RT: 2.478 min Scan# 78

Delta R.T. -0.057 min

Lab File: BF089399.D

Acq: 29 Jul 2016 8:51

Instrument :

BNA_F

ClientSampleId :

WCMH1-COMP(1-5)

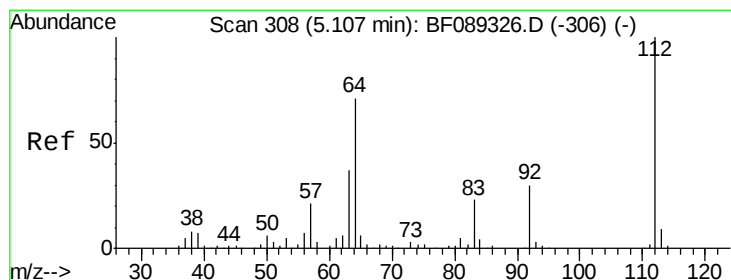
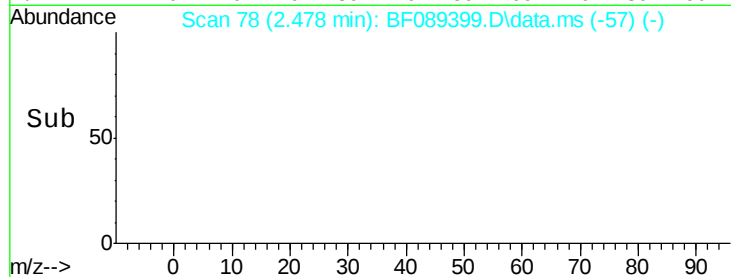
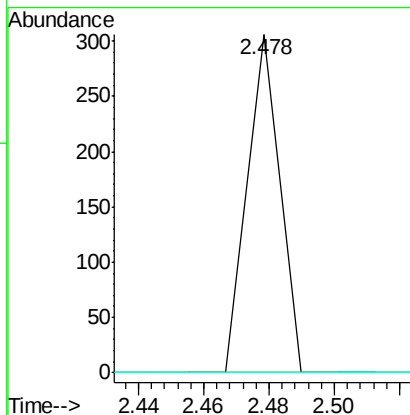
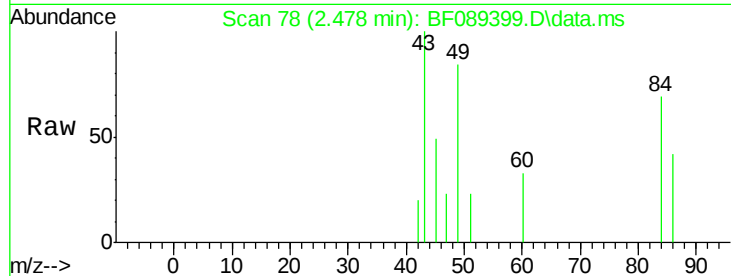
Tot Ion: 42 Resp: 210

Ion Ratio Lower Upper

42 100

74 0.0 110.8 166.2#

44 0.0 5.2 7.8#



#5

2-Fluorophenol

Concen: 119.32 ng

RT: 5.119 min Scan# 309

Delta R.T. 0.012 min

Lab File: BF089399.D

Acq: 29 Jul 2016 8:51

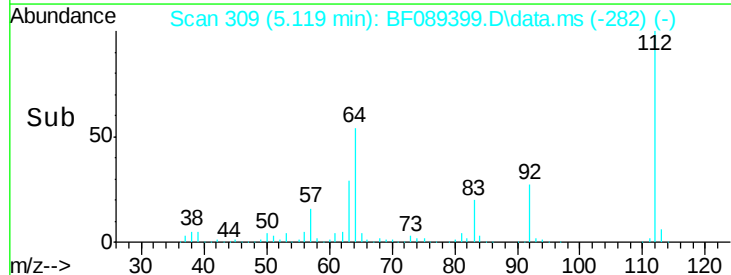
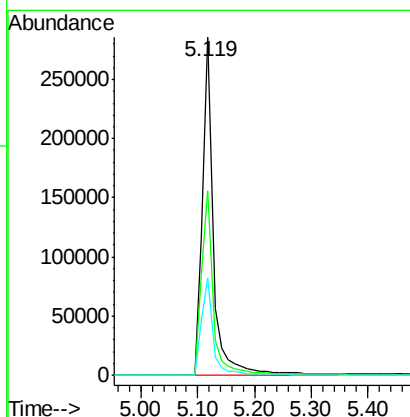
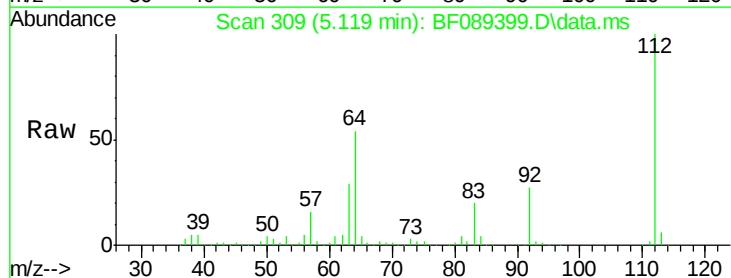
Tgt Ion: 112 Resp: 376077

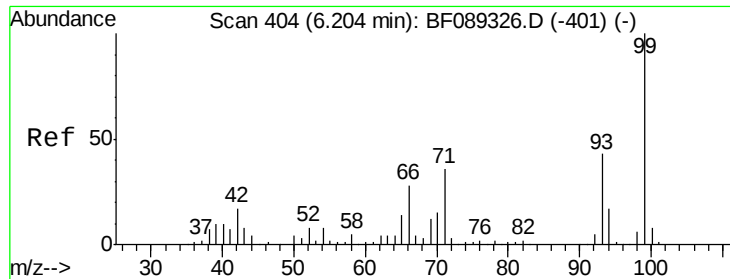
Ion Ratio Lower Upper

112 100

64 54.4 55.0 82.6#

63 29.0 29.4 44.2#





#7

Phenol-d6

Concen: 111.92 ng

RT: 6.193 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF089399.D

Acq: 29 Jul 2016 8:51

Instrument :

BNA_F

ClientSampleId :

WCMH1-COMP(1-5)

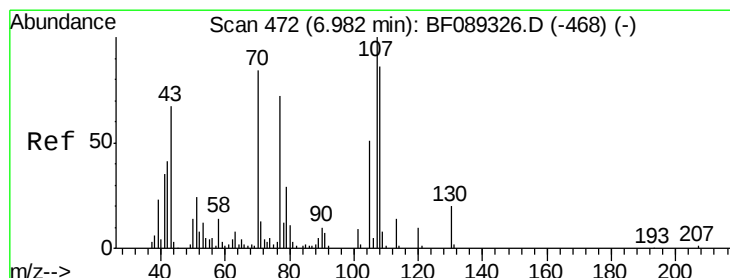
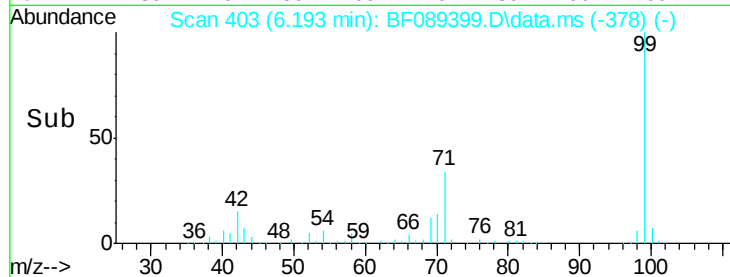
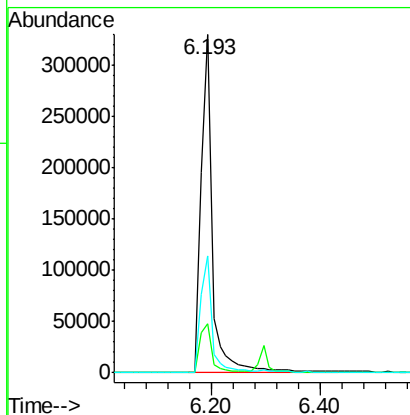
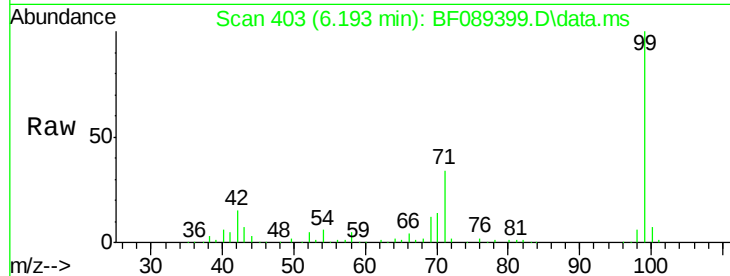
Tot Ion: 99 Resp: 466175

Ion Ratio Lower Upper

99 100

42 14.6 13.6 20.4

71 34.3 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.93 ng

RT: 7.096 min Scan# 482

Delta R.T. 0.114 min

Lab File: BF089399.D

Acq: 29 Jul 2016 8:51

Tgt Ion: 70 Resp: 40017

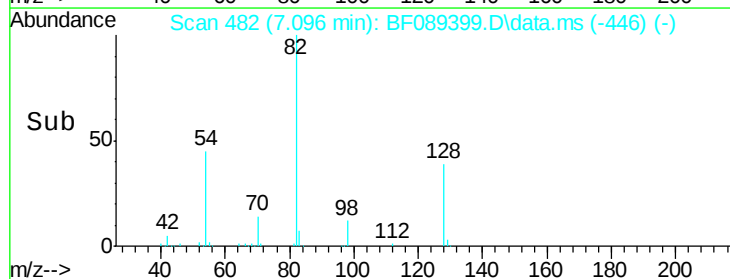
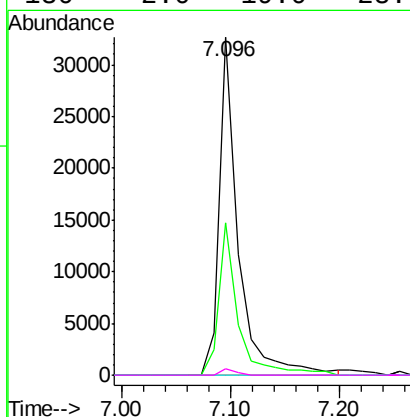
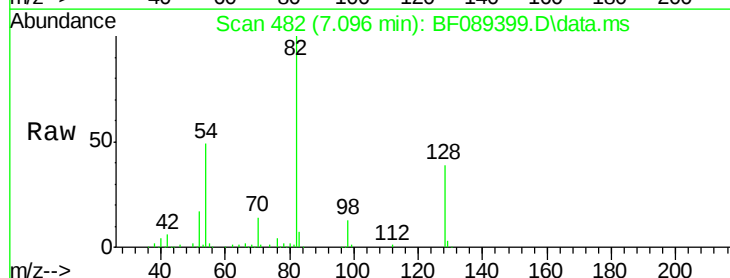
Ion Ratio Lower Upper

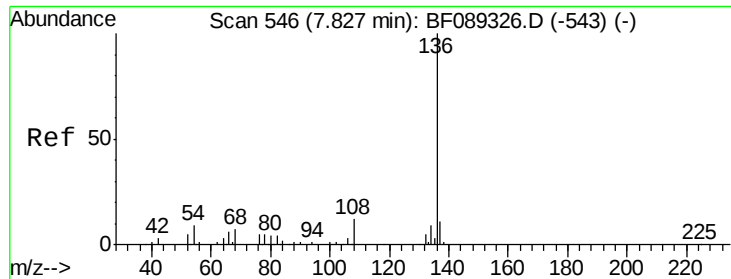
70 100

42 44.9 38.6 57.8

101 0.0 8.3 12.5#

130 2.0 19.0 28.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.805 min Scan# 54

Delta R.T. -0.023 min

Lab File: BF089399.D

Acq: 29 Jul 2016 8:51

Instrument :

BNA_F

ClientSampleId :

WCMH1-COMP(1-5)

Tot Ion:136 Resp: 195669

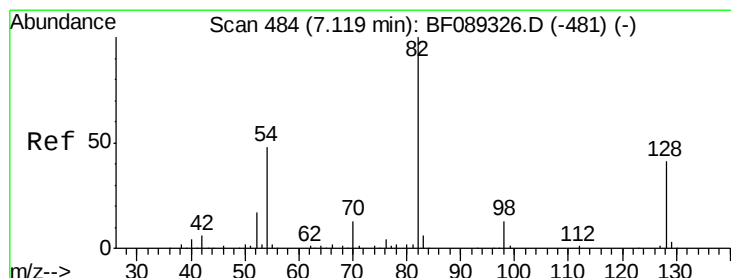
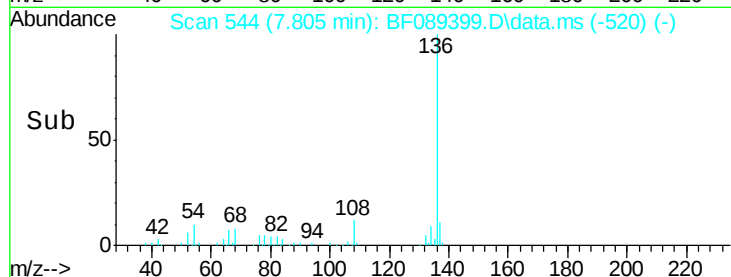
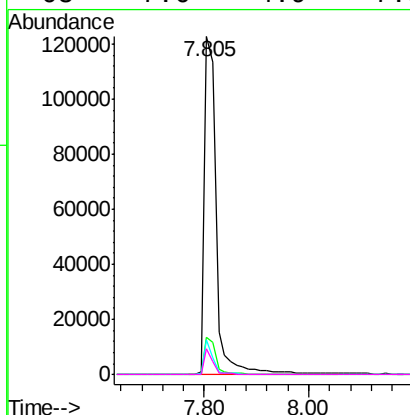
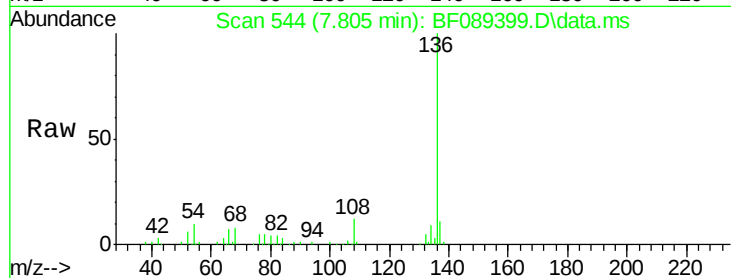
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 10.1 7.0 10.4

68 7.6 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 92.04 ng

RT: 7.096 min Scan# 482

Delta R.T. -0.023 min

Lab File: BF089399.D

Acq: 29 Jul 2016 8:51

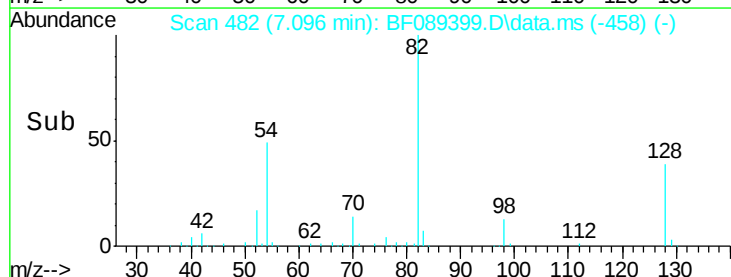
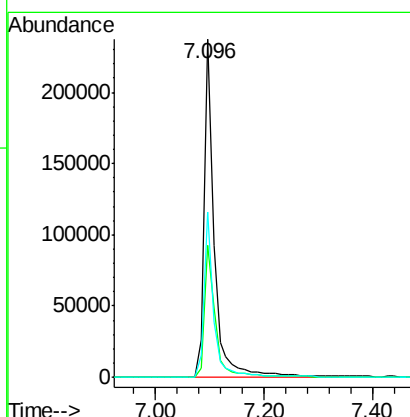
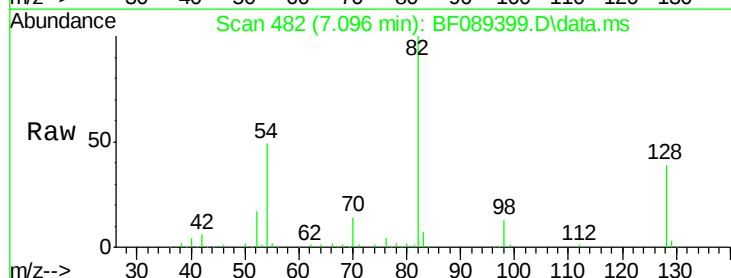
Tgt Ion: 82 Resp: 305096

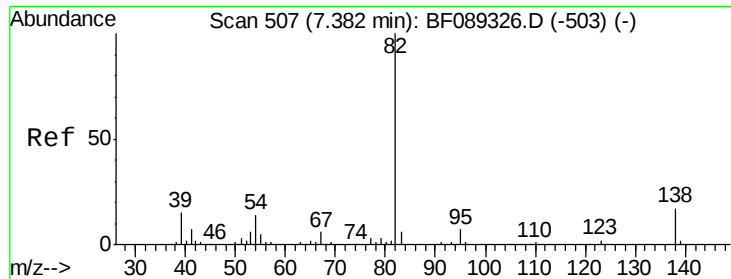
Ion Ratio Lower Upper

82 100

128 38.9 32.5 48.7

54 48.8 38.8 58.2





#25

Isophorone

Concen: 41.96 ng

RT: 7.096 min Scan# 48

Delta R.T. -0.286 min

Lab File: BF089399.D

Acq: 29 Jul 2016 8:51

Instrument :

BNA_F

ClientSampleId :

WCMH1-COMP(1-5)

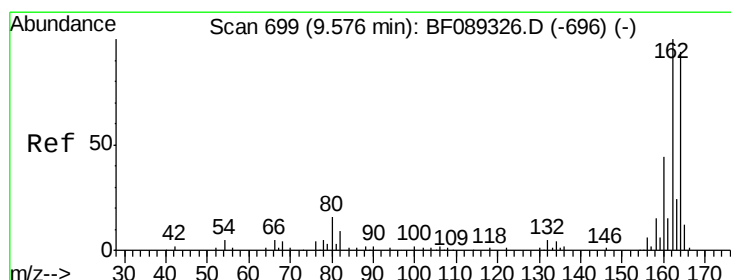
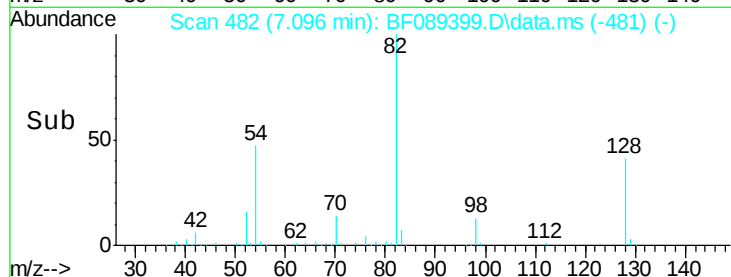
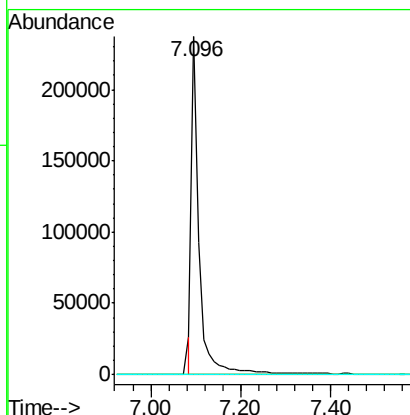
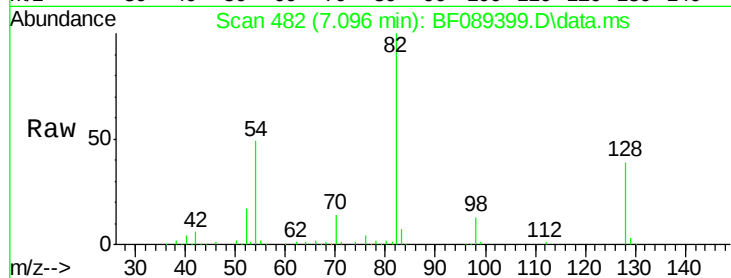
Tot Ion: 82 Resp: 280208

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 13.3 19.9#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.553 min Scan# 697

Delta R.T. -0.023 min

Lab File: BF089399.D

Acq: 29 Jul 2016 8:51

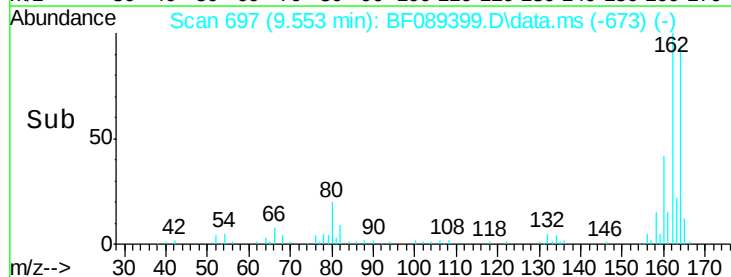
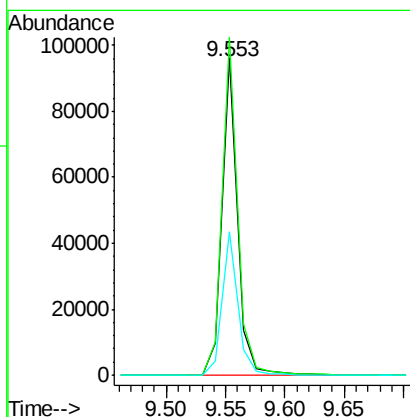
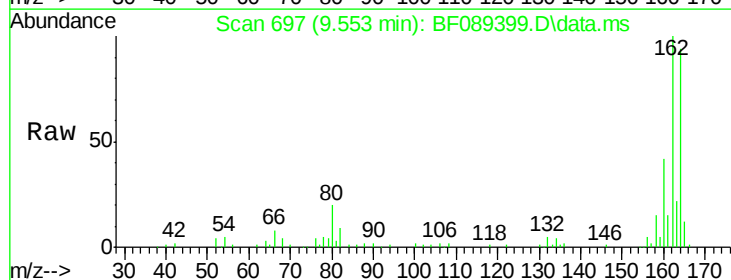
Tgt Ion: 164 Resp: 85404

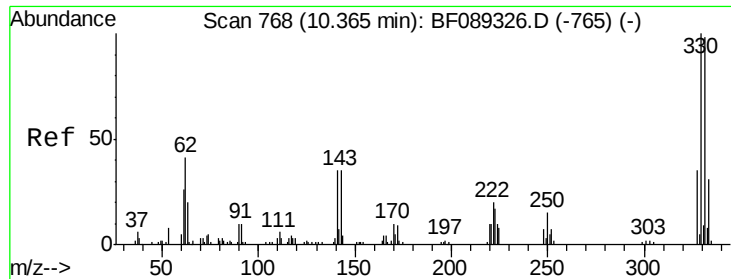
Ion Ratio Lower Upper

164 100

162 106.6 83.7 125.5

160 45.2 37.8 56.6

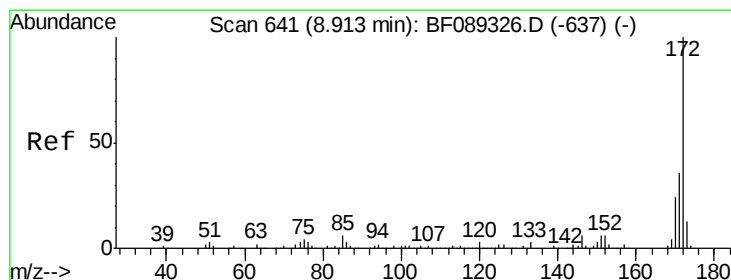
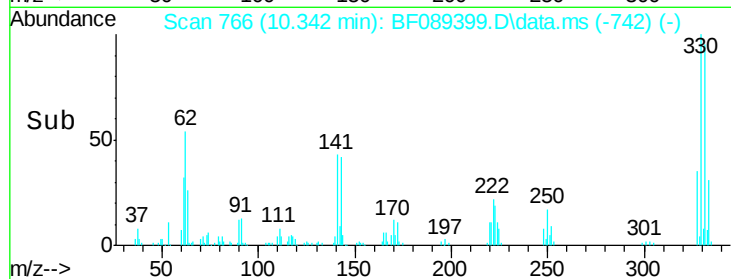
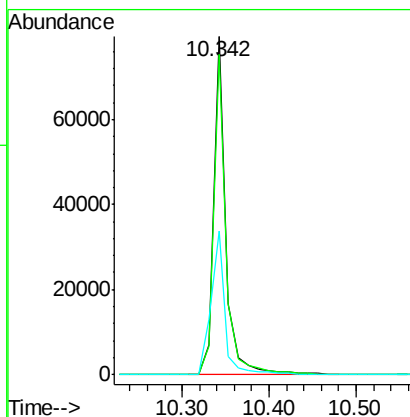
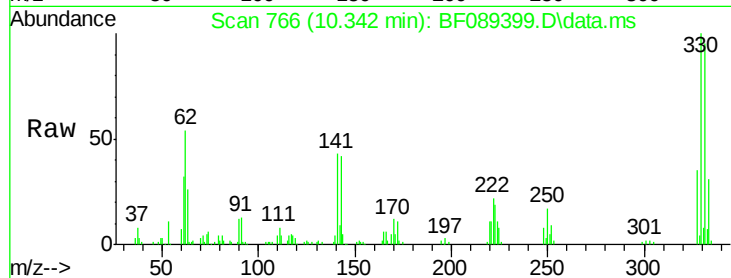




#41
 2,4,6-Tribromophenol
 Concen: 110.24 ng
 RT: 10.342 min Scan# 76
 Delta R.T. -0.023 min
 Lab File: BF089399.D
 Acq: 29 Jul 2016 8:51

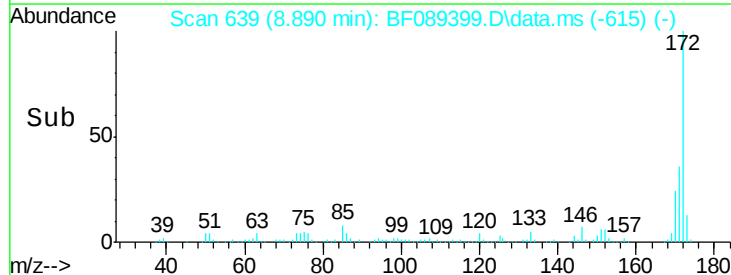
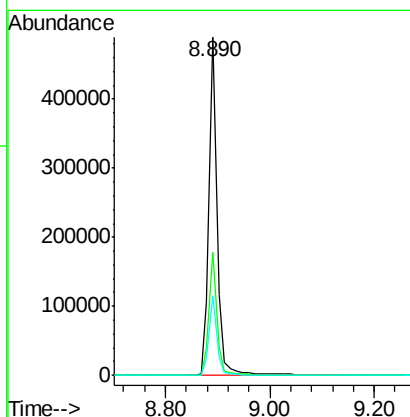
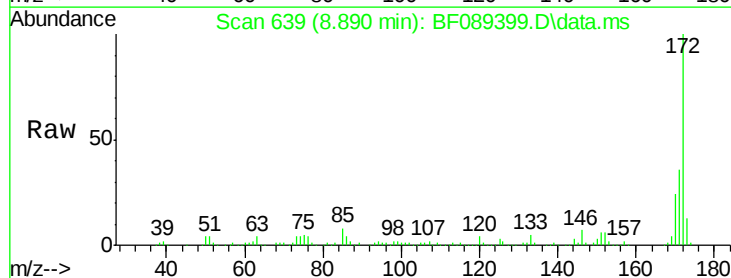
Instrument :
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 WCMH1-COMP(1-5)

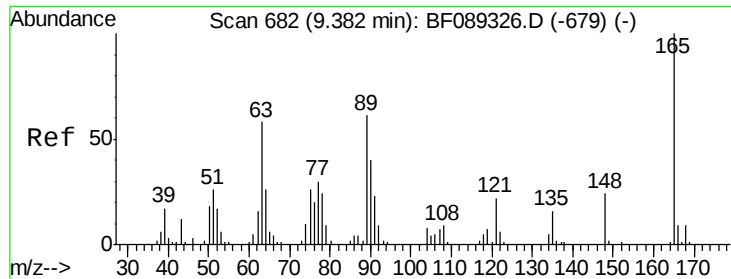
Tot Ion:330 Resp: 77977
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.8 115.2
 141 48.7 37.3 55.9



#44
 2-Fluorobiphenyl
 Concen: 91.51 ng
 RT: 8.890 min Scan# 639
 Delta R.T. -0.023 min
 Lab File: BF089399.D
 Acq: 29 Jul 2016 8:51

Tgt Ion:172 Resp: 532524
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.2 43.8
 170 23.7 19.2 28.8

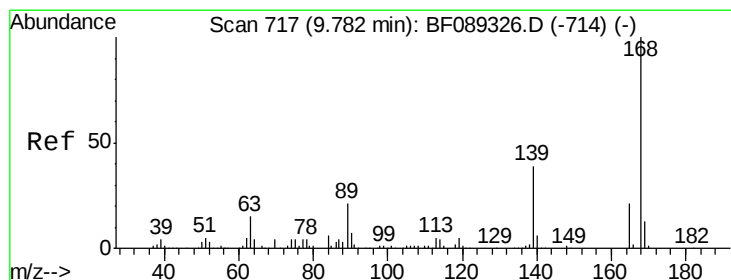
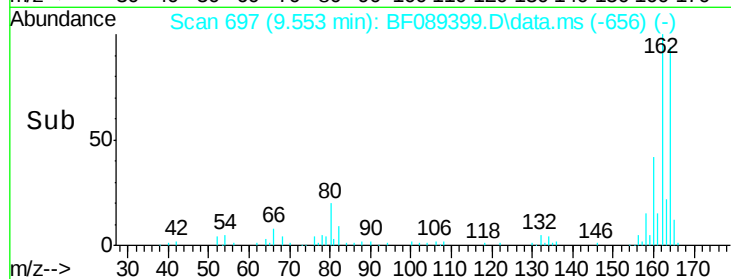
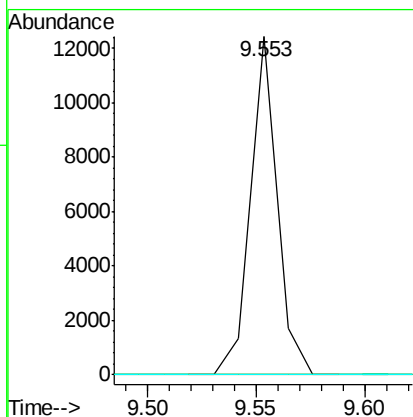
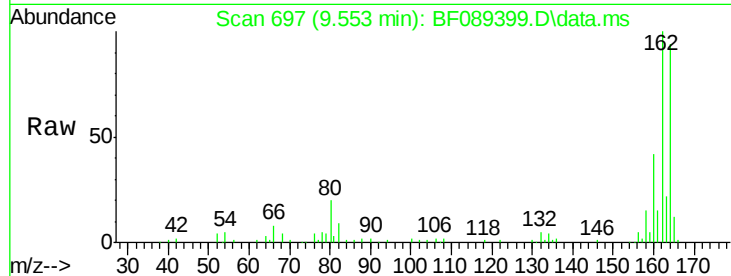




#50
 2,6-Dinitrotoluene
 Concen: 7.93 ng
 RT: 9.553 min Scan# 697
 Delta R.T. 0.171 min
 Lab File: BF089399.D
 Acq: 29 Jul 2016 8:51

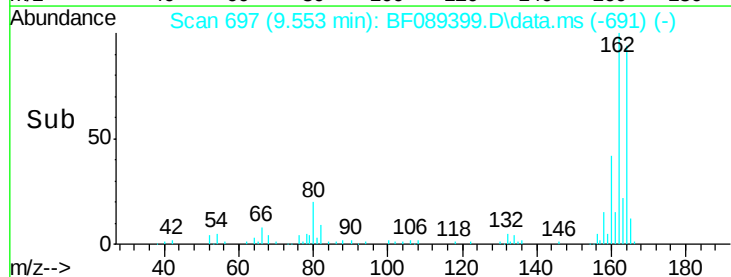
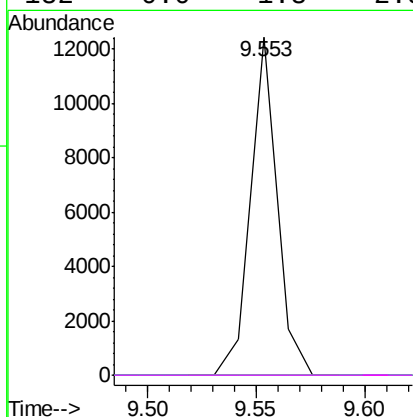
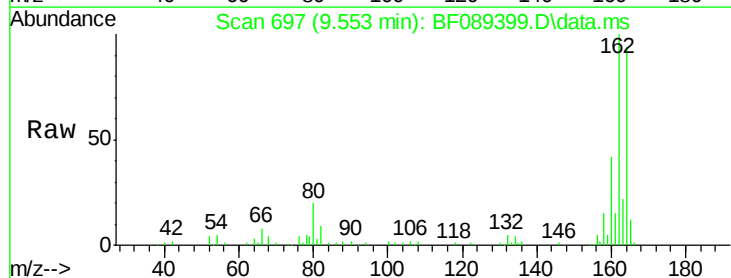
Instrument :
 BNA_F
 ClientSampleId :
 WCMH1-COMP(1-5)

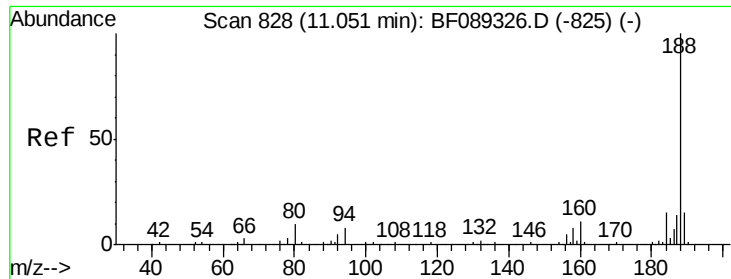
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.5	65.3#
89	0.0	45.0	67.4#



#56
 2,4-Dinitrotoluene
 Concen: 6.02 ng
 RT: 9.553 min Scan# 697
 Delta R.T. -0.229 min
 Lab File: BF089399.D
 Acq: 29 Jul 2016 8:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.2	87.2#
89	0.0	79.1	118.7#
182	0.0	1.8	2.8#

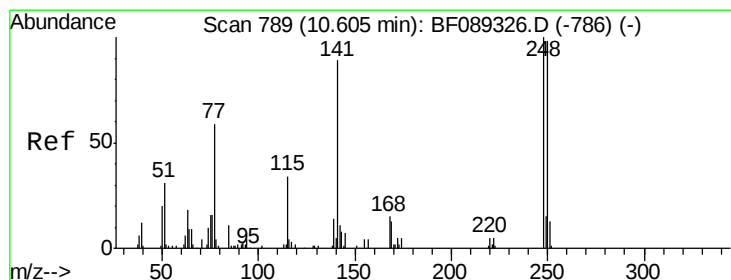
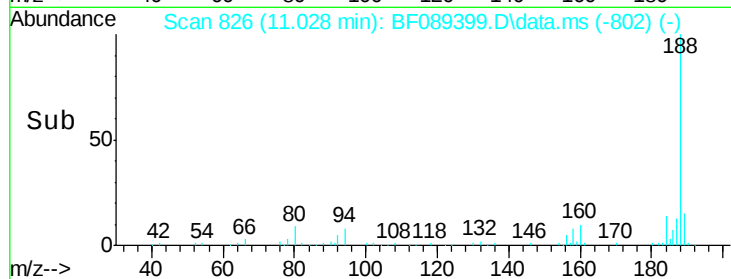
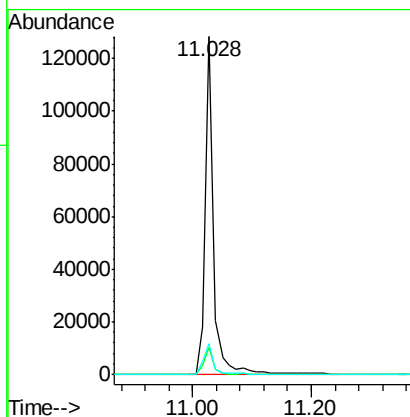
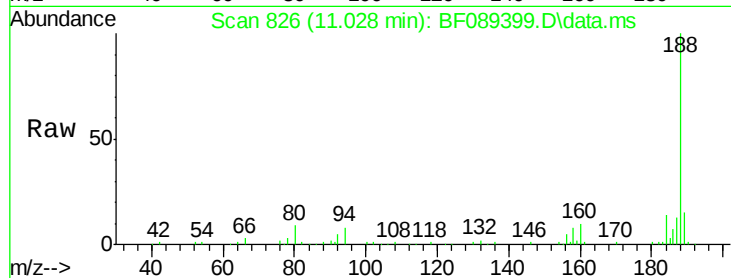




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.028 min Scan# 82
Delta R.T. -0.023 min
Lab File: BF089399.D
Acq: 29 Jul 2016 8:51

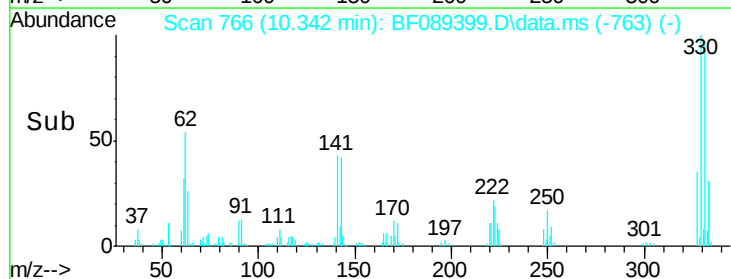
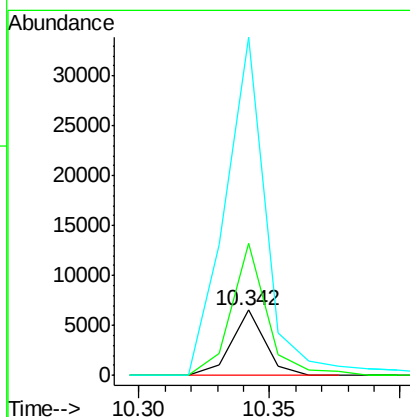
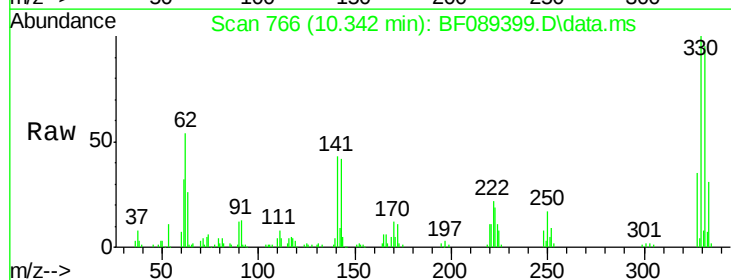
Instrument :
BNA_F
ClientSampleId :
WCMH1-COMP(1-5)

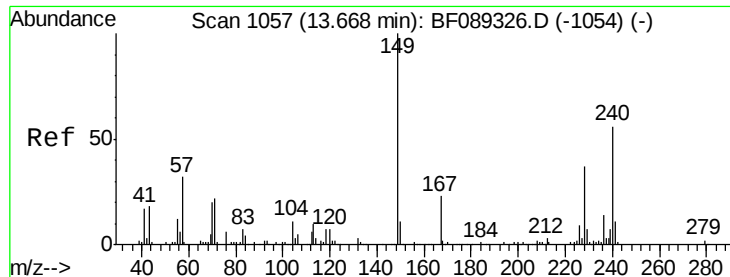
Tot Ion:188 Resp: 129850
Ion Ratio Lower Upper
188 100
94 8.1 6.5 9.7
80 9.1 7.2 10.8



#66
4-Bromophenyl-phenylether
Concen: 4.69 ng
RT: 10.342 min Scan# 766
Delta R.T. -0.263 min
Lab File: BF089399.D
Acq: 29 Jul 2016 8:51

Tgt Ion:248 Resp: 5820
Ion Ratio Lower Upper
248 100
250 202.3 78.2 117.2#
141 519.0 62.0 93.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.645 min Scan# 10

Delta R.T. -0.023 min

Lab File: BF089399.D

Acq: 29 Jul 2016 8:51

Instrument :

BNA_F

ClientSampleId :

WCMH1-COMP(1-5)

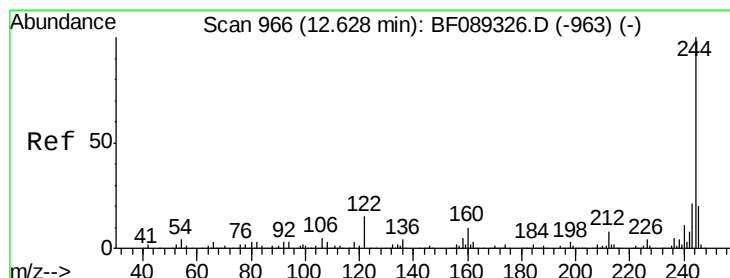
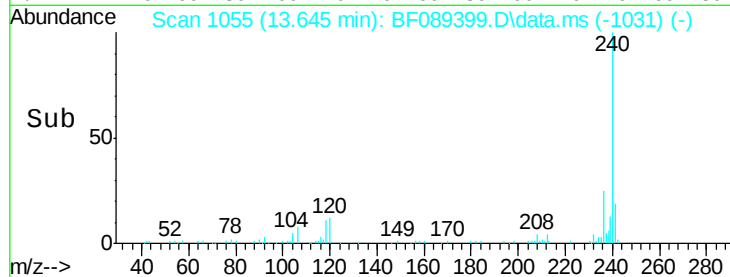
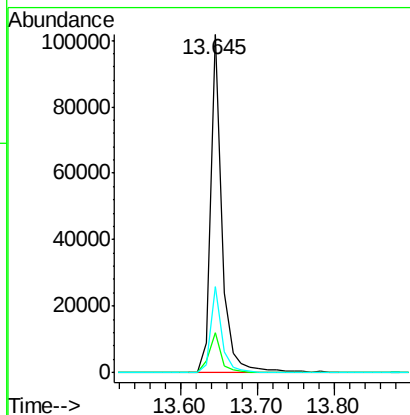
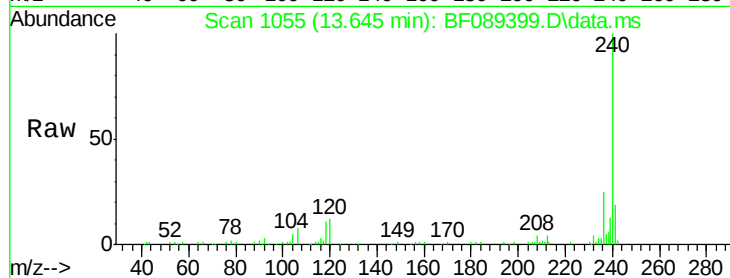
Tot Ion:240 Resp: 102711

Ion Ratio Lower Upper

240 100

120 12.0 9.1 13.7

236 25.3 20.6 30.8



#78

Terphenyl-d14

Concen: 73.48 ng

RT: 12.605 min Scan# 964

Delta R.T. -0.023 min

Lab File: BF089399.D

Acq: 29 Jul 2016 8:51

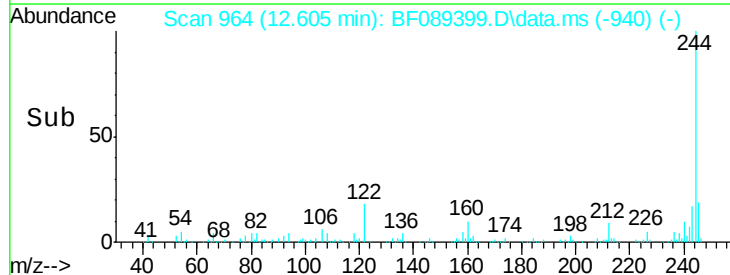
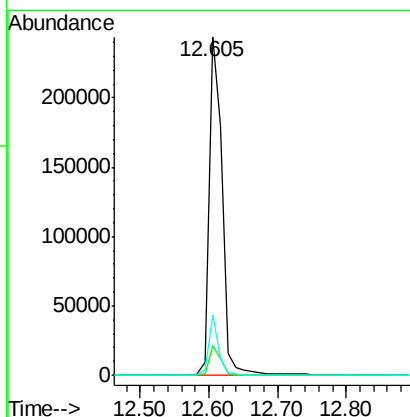
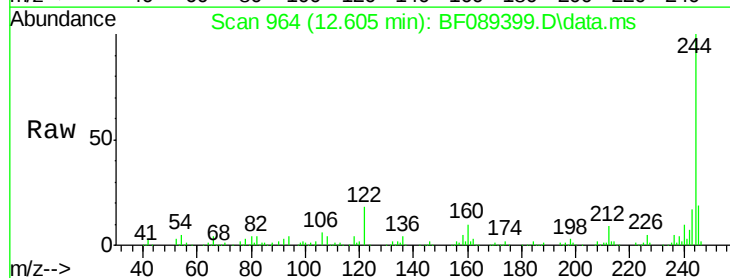
Tgt Ion:244 Resp: 322462

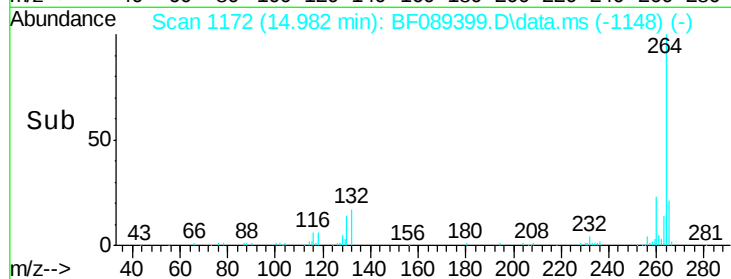
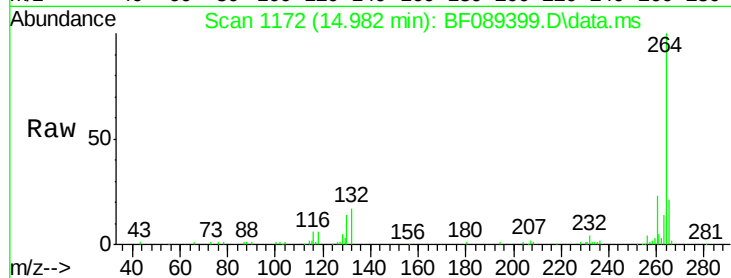
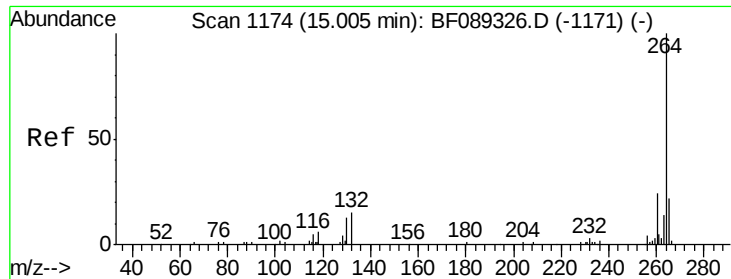
Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

122 17.9 11.4 17.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.982 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF089399.D
Acq: 29 Jul 2016 8:51

Instrument :
BNA_F
ClientSampleId :
WCMH1-COMP(1-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	21.2	17.5	26.3

