

Data Path : Z:\HPCHEM1\BNA F\Data\BF072916\
 Data File : BF089398.D
 Acq On : 29 Jul 2016 8:22
 Operator : UM/SJ
 Sample : H4236-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-62-072616

Quant Time: Jul 29 11:09:38 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)	

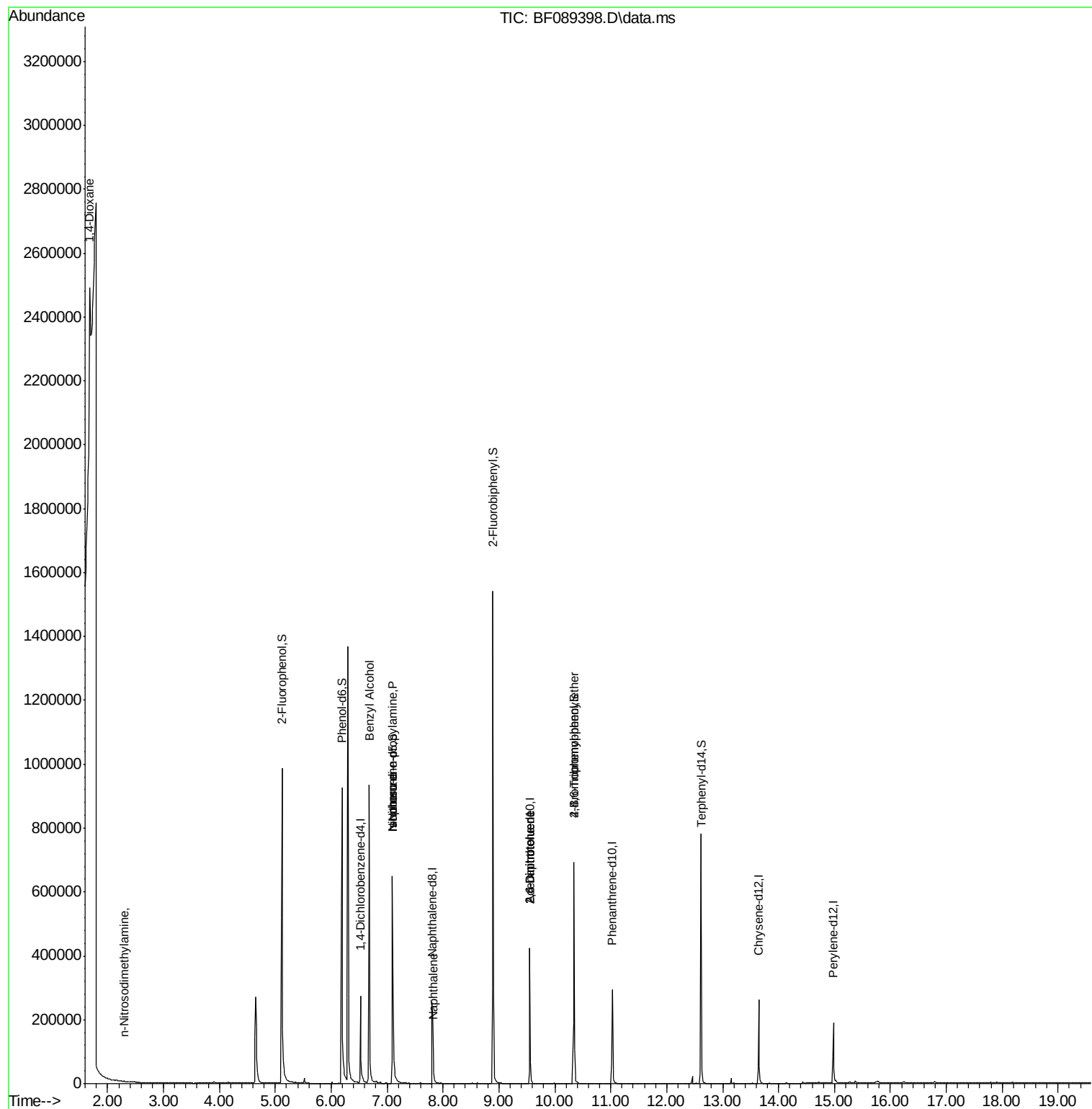
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.524	152	50470	20.00	ng	-0.02	
21) Naphthalene-d8	7.805	136	191692	20.00	ng	-0.02	
38) Acenaphthene-d10	9.553	164	81000	20.00	ng	-0.02	
63) Phenanthrene-d10	11.028	188	127380	20.00	ng	-0.02	
75) Chrysene-d12	13.645	240	99977	20.00	ng	-0.02	
86) Perylene-d12	14.982	264	85712	20.00	ng	-0.02	
System Monitoring Compounds							
5) 2-Fluorophenol	5.119	112	389477	123.22	ng	0.01	
7) Phenol-d6	6.193	99	482592	115.53	ng	-0.01	
23) Nitrobenzene-d5	7.096	82	306046	94.24	ng	-0.02	
41) 2,4,6-Tribromophenol	10.342	330	78046	116.34	ng	-0.02	
44) 2-Fluorobiphenyl	8.890	172	525890	95.28	ng	-0.02	
78) Terphenyl-d14	12.617	244	359339	84.12	ng	-0.01	
Target Compounds							Qvalue
2) 1,4-Dioxane	1.678	88	23546	14.17	ng	#	26
4) n-Nitrosodimethylamine	2.296	42	1013	8.40	ng	#	1
15) Benzyl Alcohol	6.685	79	5241	2.02	ng	#	50
19) n-Nitroso-di-n-propyla...	7.096	70	40130	15.93	ng	#	84
25) Isophorone	7.096	82	295836	45.22	ng	#	67
31) Naphthalene	7.827	128	24611	2.59	ng		98
50) 2,6-Dinitrotoluene	9.553	165	9839	7.77	ng	#	24
56) 2,4-Dinitrotoluene	9.553	165	9839	5.90	ng	#	7
66) 4-Bromophenyl-phenylether	10.342	248	5598	4.60	ng	#	1

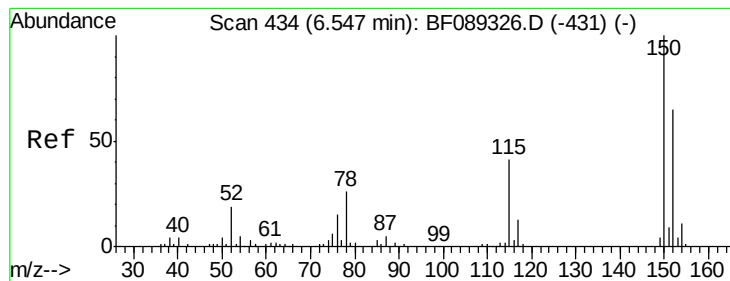
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089398.D

Acq: 29 Jul 2016 8:22

Instrument :

BNA_F

ClientSampleId :

HSR-WC-62-072616

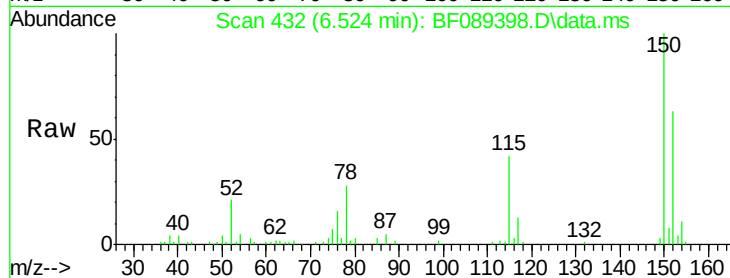
Tot Ion:152 Resp: 50470

Ion Ratio Lower Upper

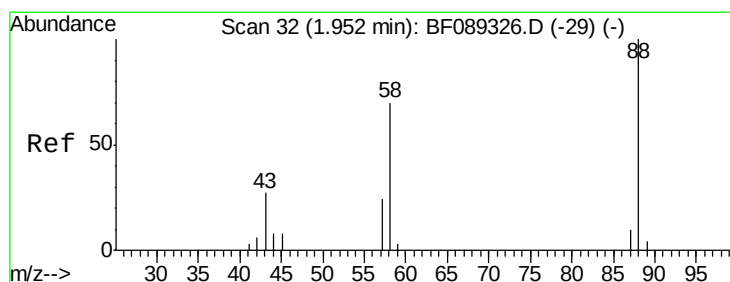
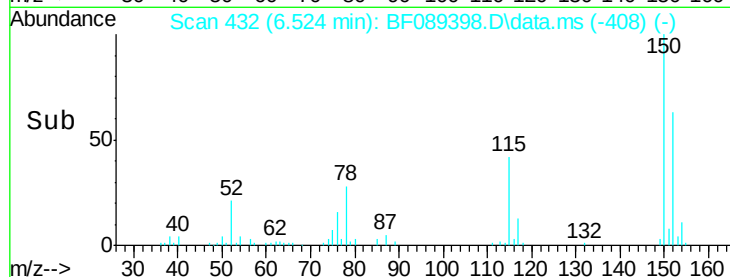
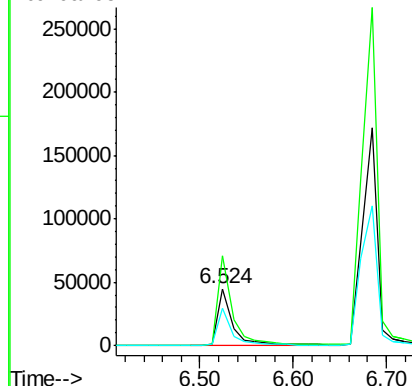
152 100

150 157.5 129.5 194.3

115 65.8 51.4 77.2



Abundance



#2

1,4-Dioxane

Concen: 14.17 ng

RT: 1.678 min Scan# 8

Delta R.T. -0.274 min

Lab File: BF089398.D

Acq: 29 Jul 2016 8:22

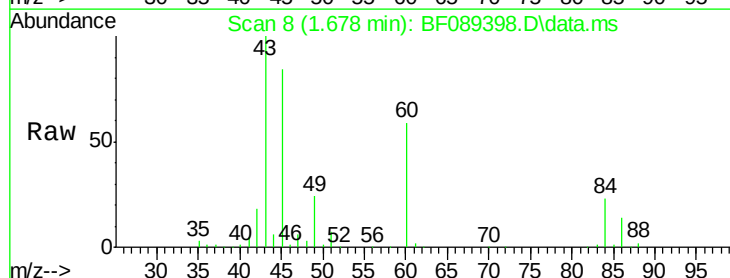
Tgt Ion: 88 Resp: 23546

Ion Ratio Lower Upper

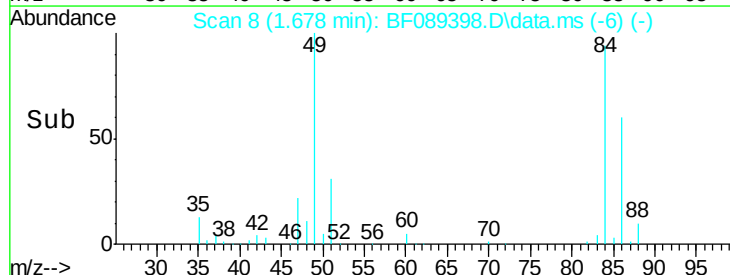
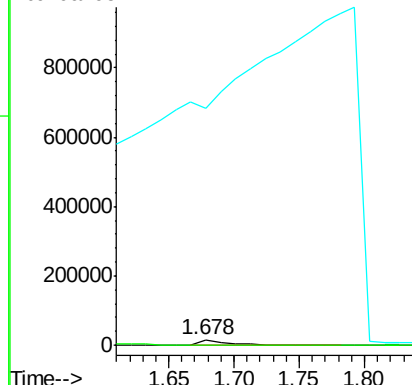
88 100

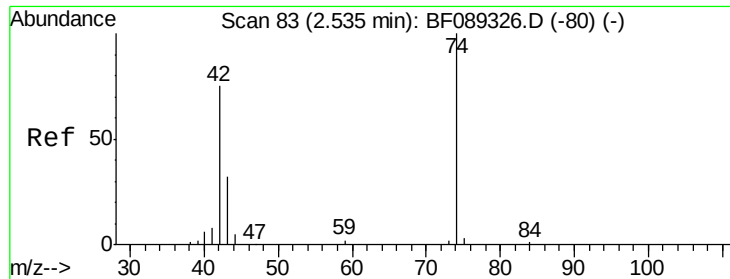
58 0.0 53.2 79.8#

43 0.0 20.6 31.0#



Abundance





#4

n-Nitrosodimethylamine

Concen: 8.40 ng

RT: 2.296 min Scan# 62

Delta R.T. -0.240 min

Lab File: BF089398.D

Acq: 29 Jul 2016 8:22

Instrument :

BNA_F

ClientSampleId :

HSR-WC-62-072616

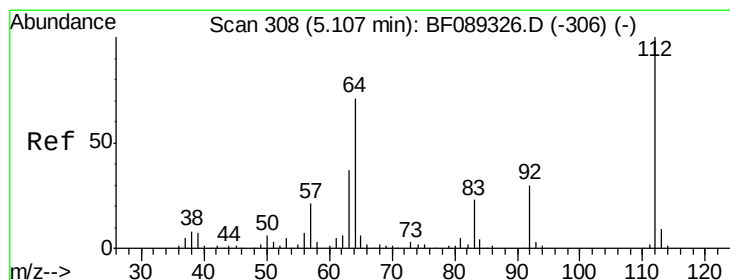
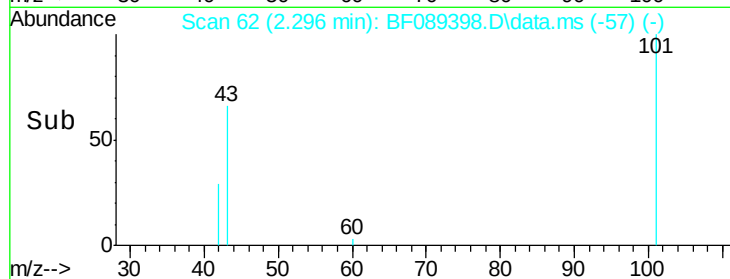
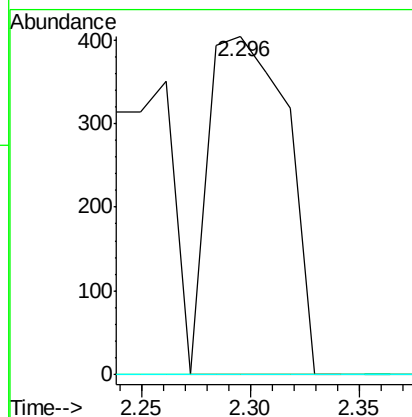
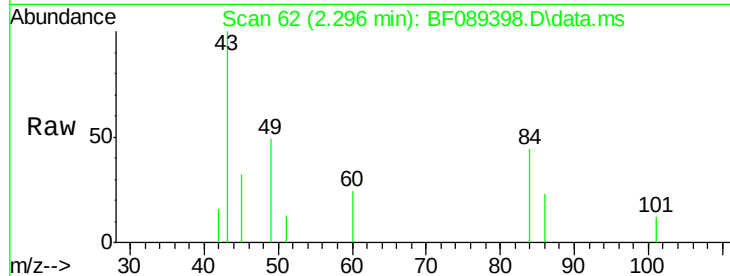
Tot Ion: 42 Resp: 1013

Ion Ratio Lower Upper

42 100

74 0.0 110.8 166.2#

44 0.0 5.2 7.8#



#5

2-Fluorophenol

Concen: 123.22 ng

RT: 5.119 min Scan# 309

Delta R.T. 0.012 min

Lab File: BF089398.D

Acq: 29 Jul 2016 8:22

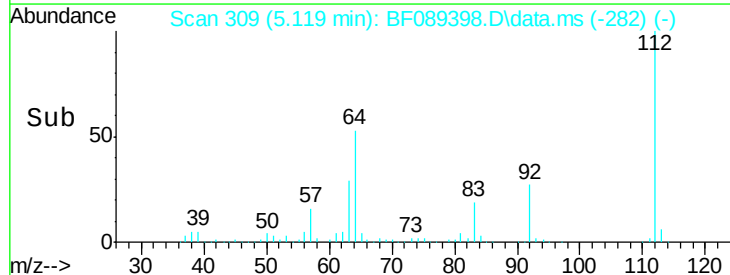
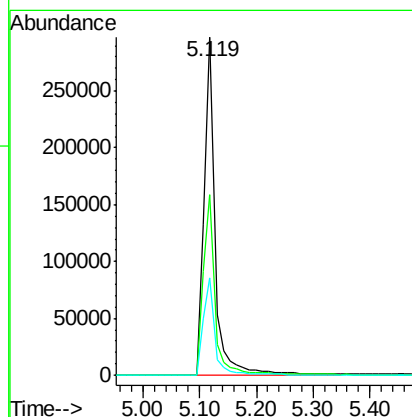
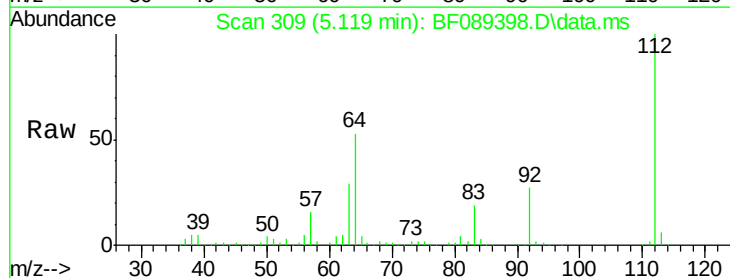
Tgt Ion: 112 Resp: 389477

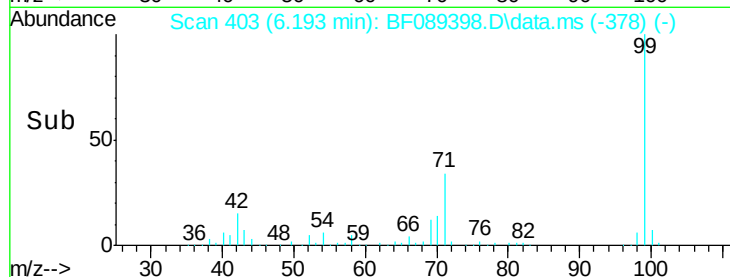
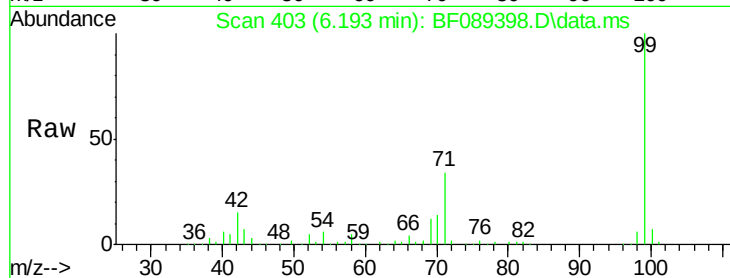
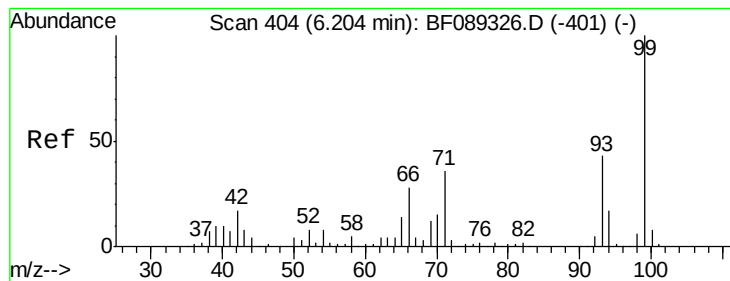
Ion Ratio Lower Upper

112 100

64 53.3 55.0 82.6#

63 28.8 29.4 44.2#





#7

Phenol-d6

Concen: 115.53 ng

RT: 6.193 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF089398.D

Acq: 29 Jul 2016 8:22

Instrument :

BNA_F

ClientSampleId :

HSR-WC-62-072616

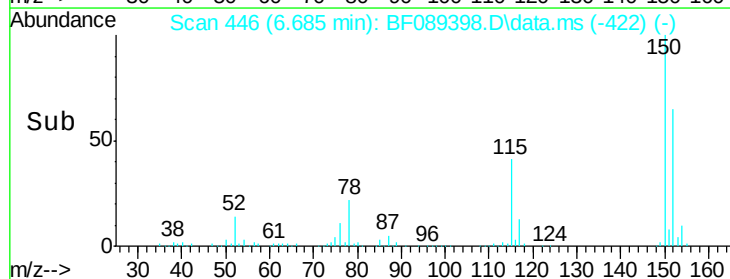
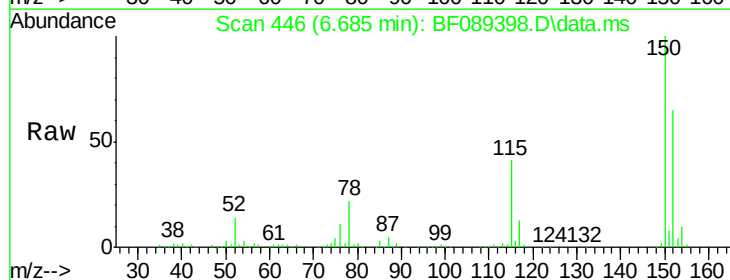
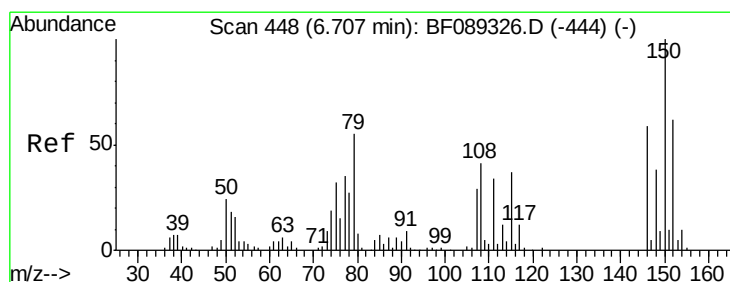
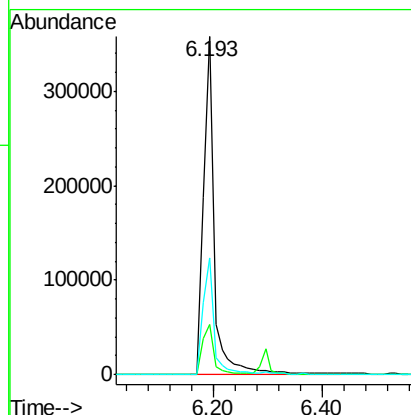
Tot Ion: 99 Resp: 482592

Ion Ratio Lower Upper

99 100

42 14.7 13.6 20.4

71 34.3 29.4 44.2



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 6.685 min Scan# 446

Delta R.T. -0.022 min

Lab File: BF089398.D

Acq: 29 Jul 2016 8:22

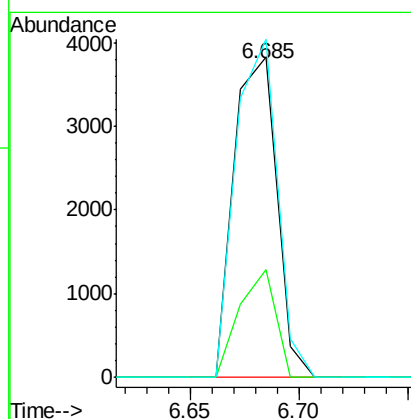
Tgt Ion: 79 Resp: 5241

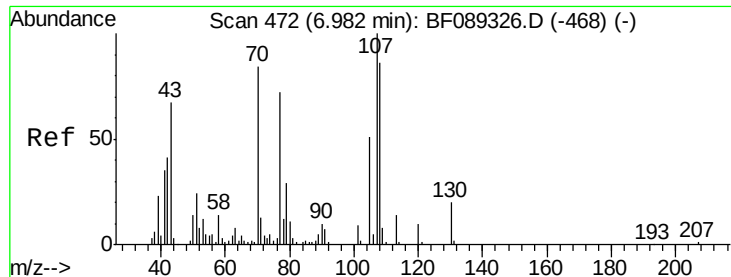
Ion Ratio Lower Upper

79 100

108 33.8 59.8 89.6#

77 105.5 51.7 77.5#

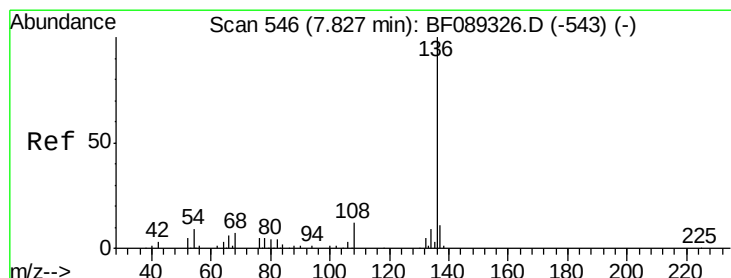
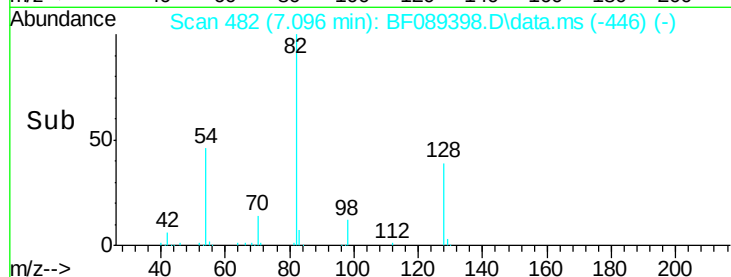
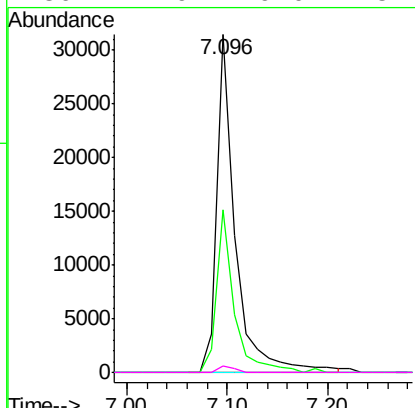
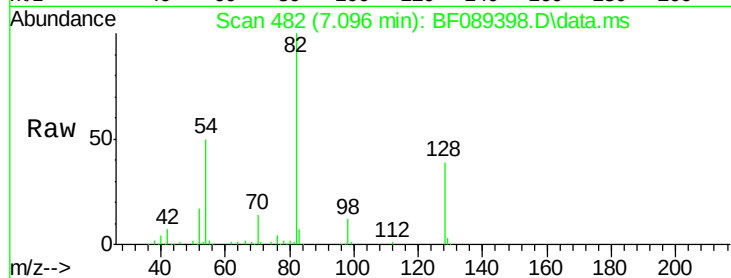




#19
n-Nitroso-di-n-propylamine
Concen: 15.93 ng
RT: 7.096 min Scan# 48
Delta R.T. 0.114 min
Lab File: BF089398.D
Acq: 29 Jul 2016 8:22

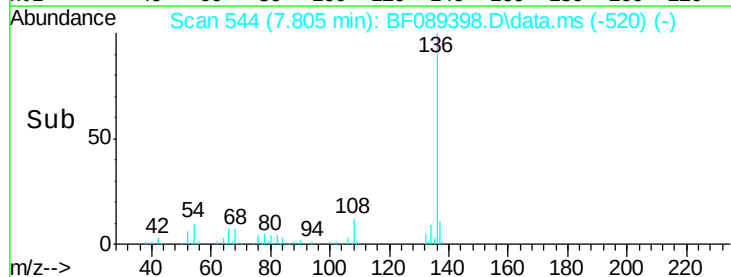
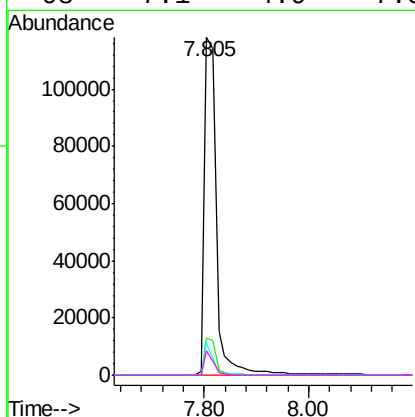
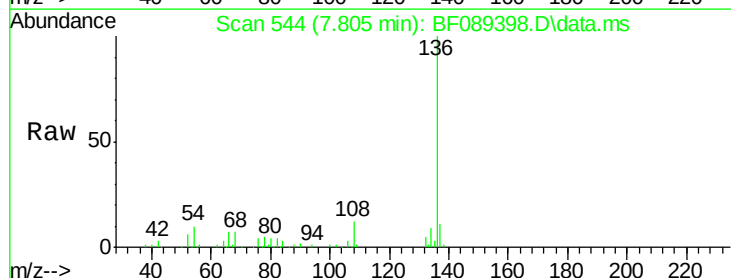
Instrument :
BNA_F
ClientSampleId :
HSR-WC-62-072616

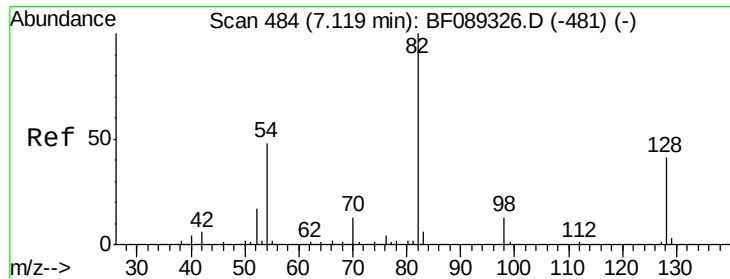
Tot Ion: 70 Resp: 40130
Ion Ratio Lower Upper
70 100
42 48.0 38.6 57.8
101 0.0 8.3 12.5#
130 1.9 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.805 min Scan# 544
Delta R.T. -0.023 min
Lab File: BF089398.D
Acq: 29 Jul 2016 8:22

Tgt Ion: 136 Resp: 191692
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.5 7.0 10.4
68 7.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 94.24 ng

RT: 7.096 min Scan# 481

Delta R.T. -0.023 min

Lab File: BF089398.D

Acq: 29 Jul 2016 8:22

Instrument :

BNA_F

ClientSampleId :

HSR-WC-62-072616

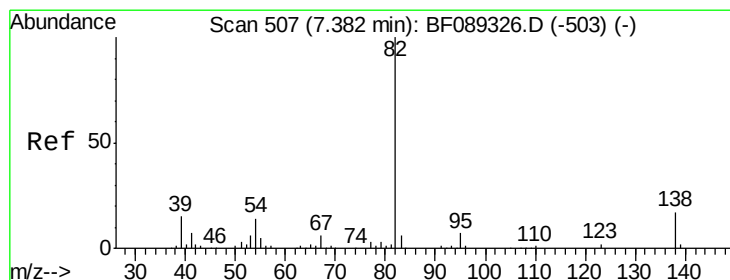
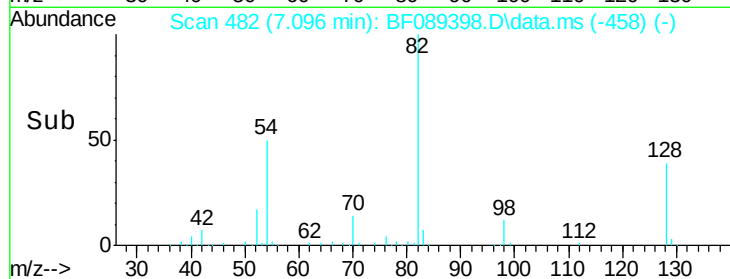
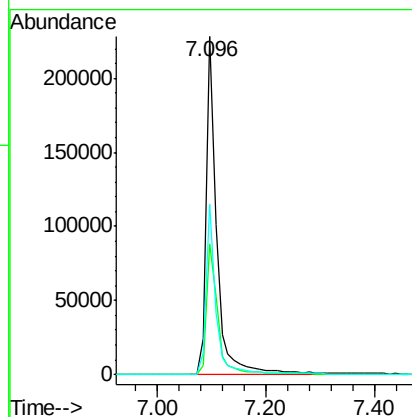
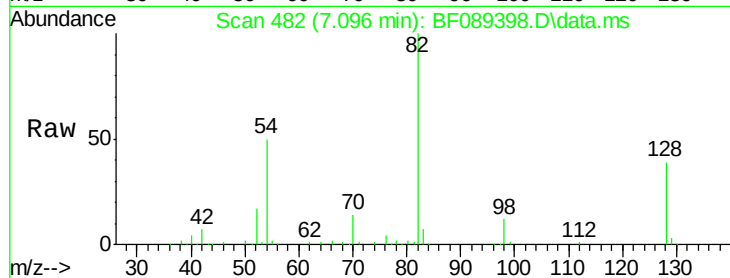
Tot Ion: 82 Resp: 306046

Ion Ratio Lower Upper

82 100

128 38.6 32.5 48.7

54 50.4 38.8 58.2



#25

Isophorone

Concen: 45.22 ng

RT: 7.096 min Scan# 482

Delta R.T. -0.286 min

Lab File: BF089398.D

Acq: 29 Jul 2016 8:22

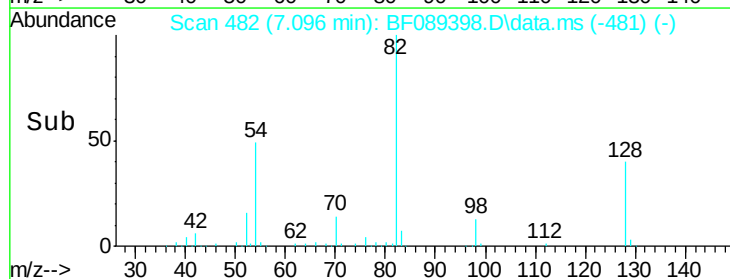
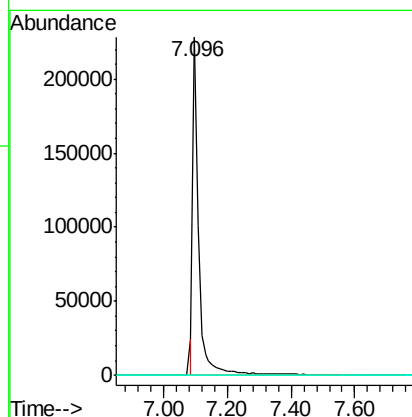
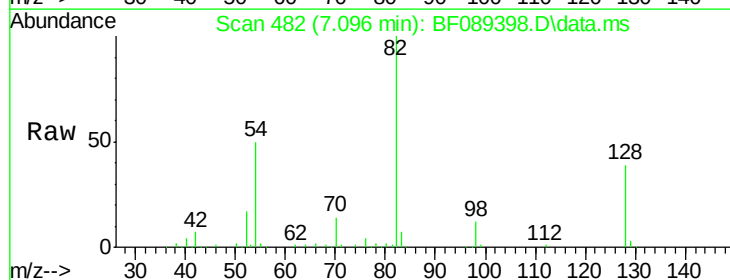
Tgt Ion: 82 Resp: 295836

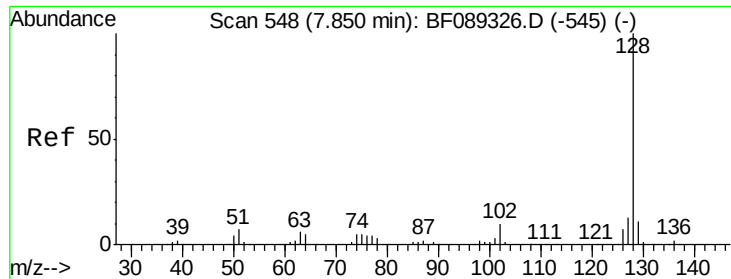
Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 13.3 19.9#

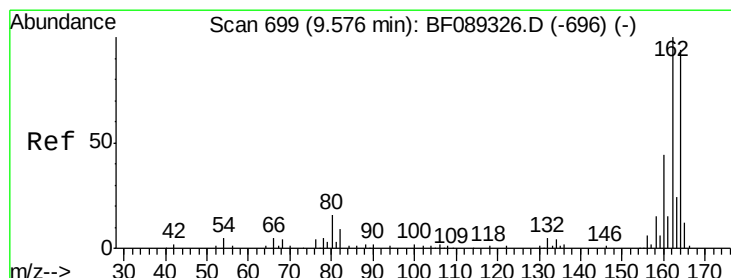
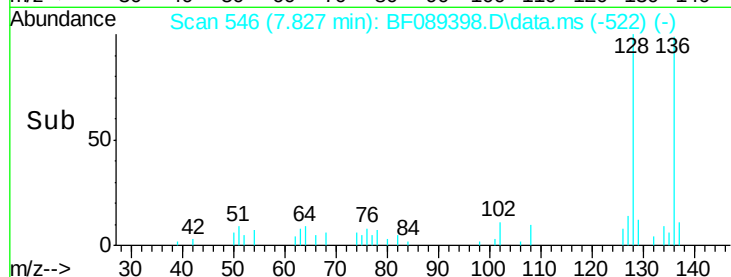
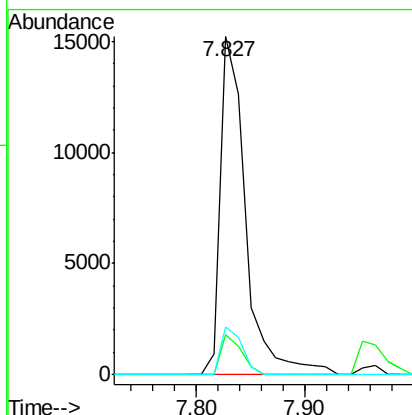
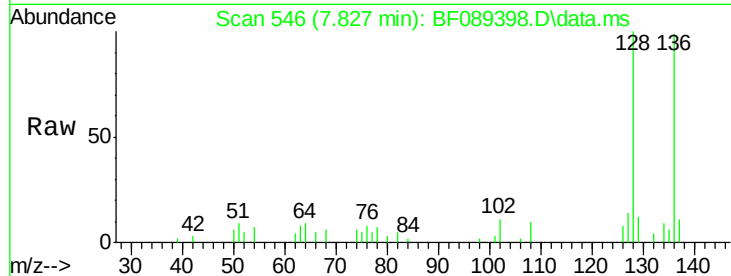




#31
Naphthalene
Concen: 2.59 ng
RT: 7.827 min Scan# 54
Delta R.T. -0.023 min
Lab File: BF089398.D
Acq: 29 Jul 2016 8:22

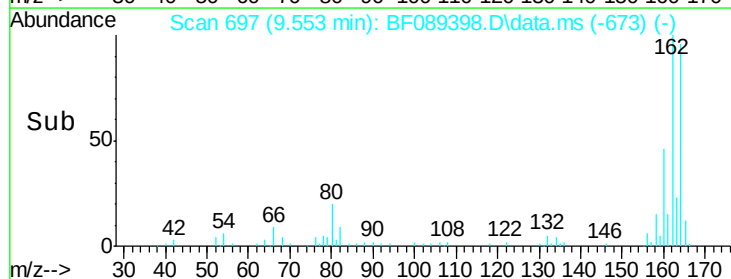
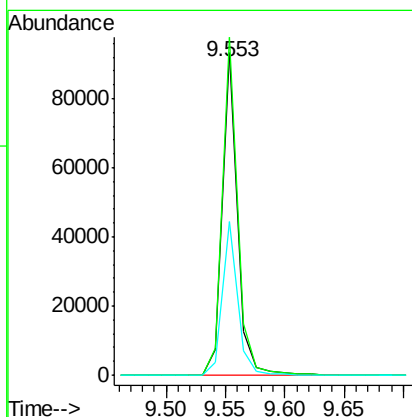
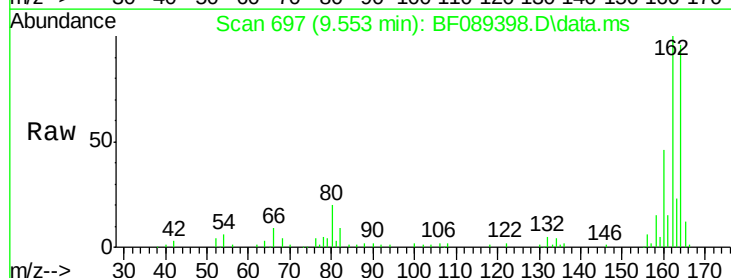
Instrument :
BNA_F
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HSR-WC-62-072616

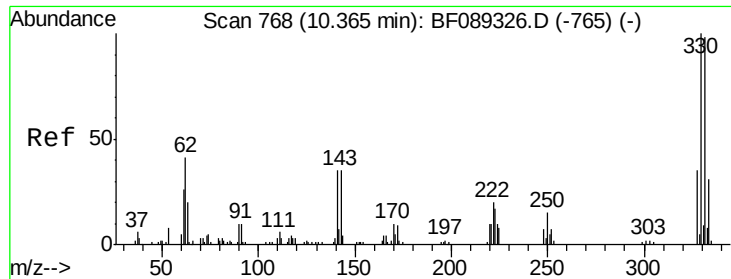
Tot Ion:128 Resp: 24611
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 14.1 10.8 16.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.553 min Scan# 697
Delta R.T. -0.023 min
Lab File: BF089398.D
Acq: 29 Jul 2016 8:22

Tgt Ion:164 Resp: 81000
Ion Ratio Lower Upper
164 100
162 104.7 83.7 125.5
160 47.7 37.8 56.6

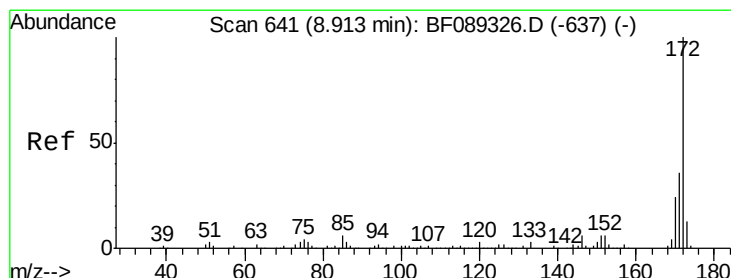
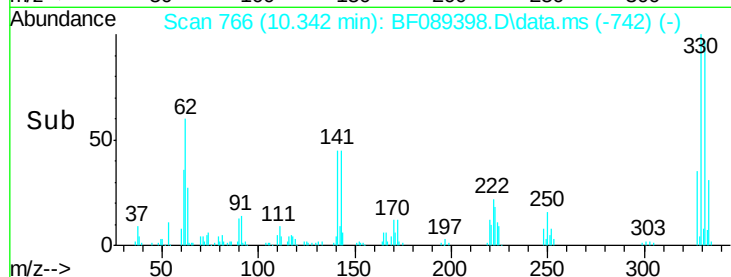
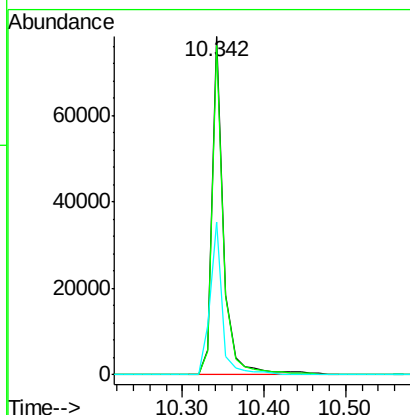
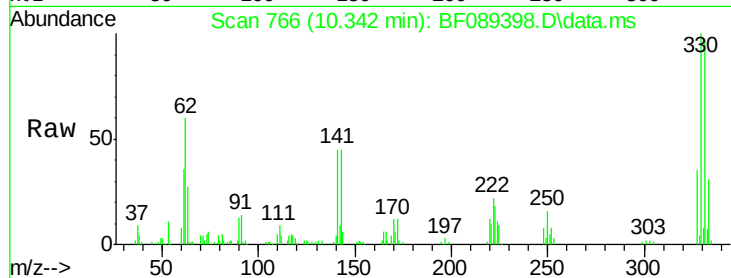




#41
 2,4,6-Tribromophenol
 Concen: 116.34 ng
 RT: 10.342 min Scan# 76
 Delta R.T. -0.023 min
 Lab File: BF089398.D
 Acq: 29 Jul 2016 8:22

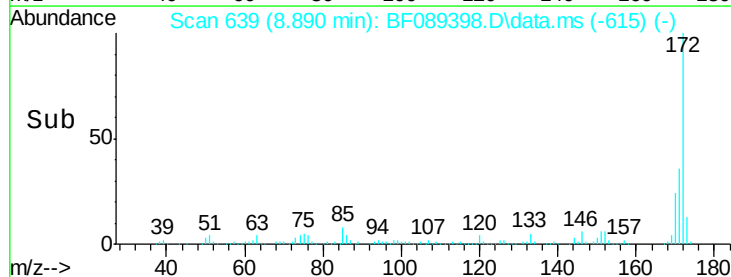
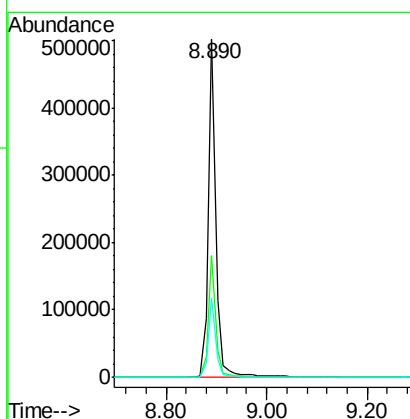
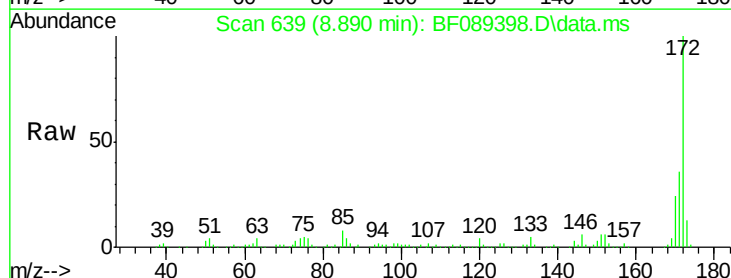
Instrument :
 BNA_F
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 HSR-WC-62-072616

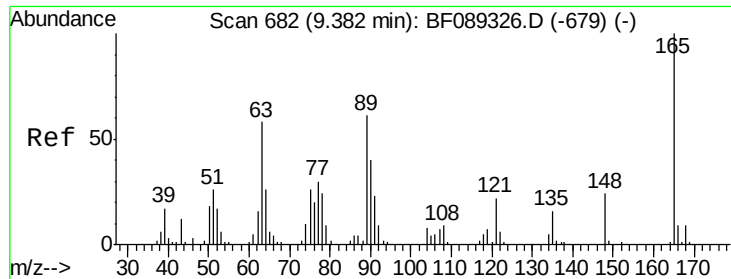
Tot Ion:330 Resp: 78046
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.8 115.2
 141 48.1 37.3 55.9



#44
 2-Fluorobiphenyl
 Concen: 95.28 ng
 RT: 8.890 min Scan# 639
 Delta R.T. -0.023 min
 Lab File: BF089398.D
 Acq: 29 Jul 2016 8:22

Tgt Ion:172 Resp: 525890
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.6 19.2 28.8

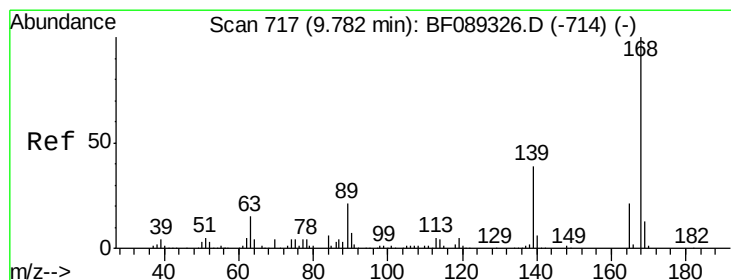
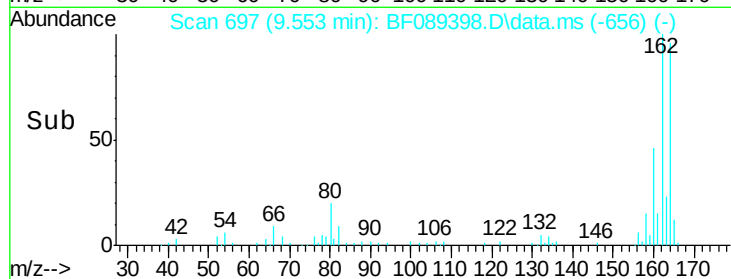
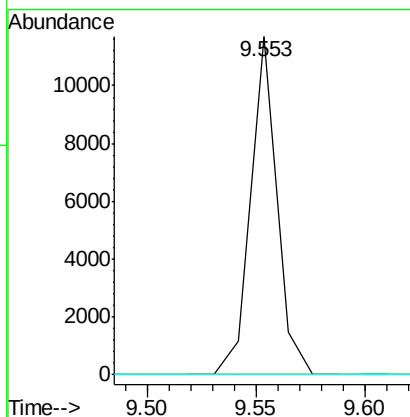
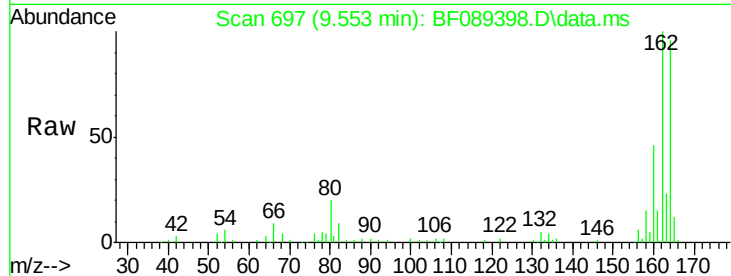




#50
 2,6-Dinitrotoluene
 Concen: 7.77 ng
 RT: 9.553 min Scan# 697
 Delta R.T. 0.172 min
 Lab File: BF089398.D
 Acq: 29 Jul 2016 8:22

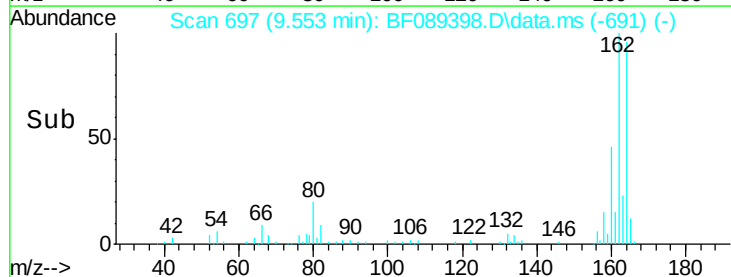
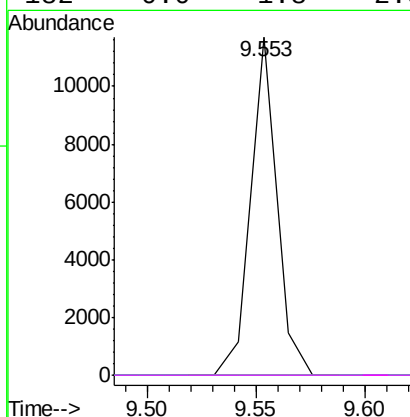
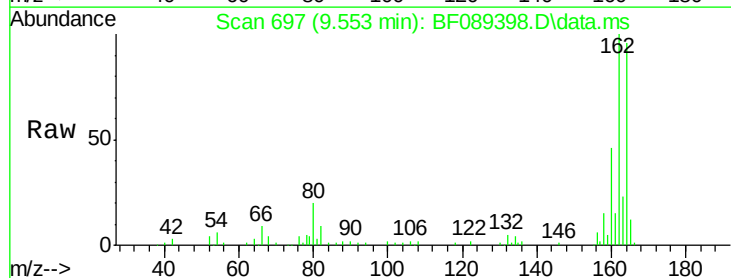
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-62-072616

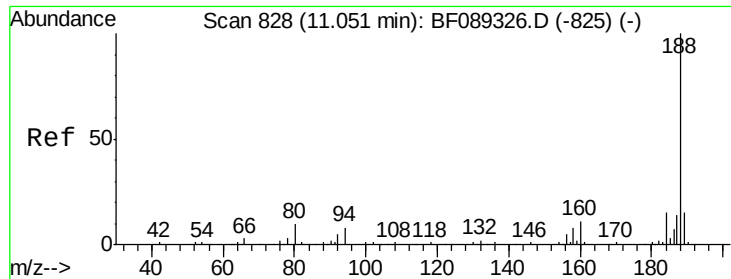
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.5	65.3#
89	0.0	45.0	67.4#



#56
 2,4-Dinitrotoluene
 Concen: 5.90 ng
 RT: 9.553 min Scan# 697
 Delta R.T. -0.228 min
 Lab File: BF089398.D
 Acq: 29 Jul 2016 8:22

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#

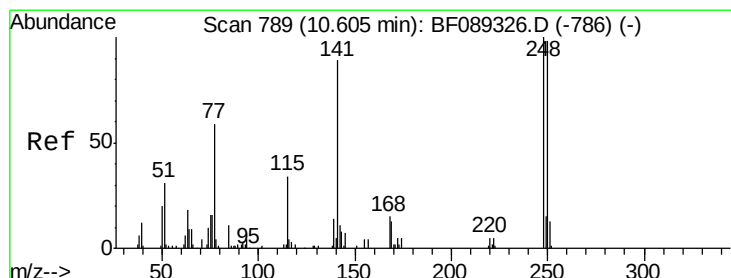
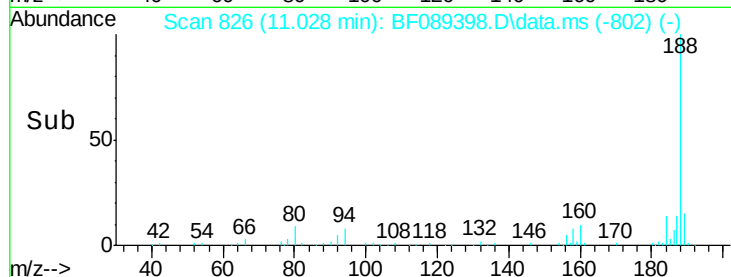
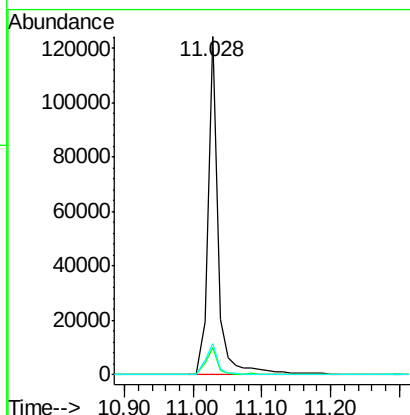
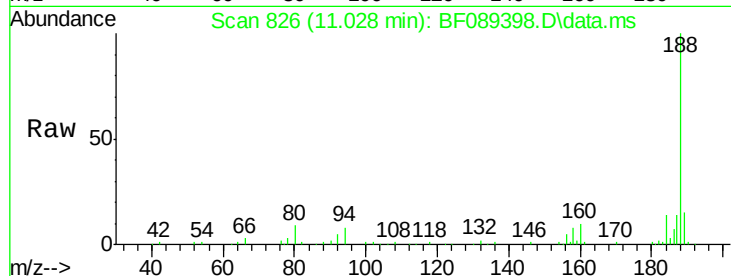




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.028 min Scan# 82
Delta R.T. -0.023 min
Lab File: BF089398.D
Acq: 29 Jul 2016 8:22

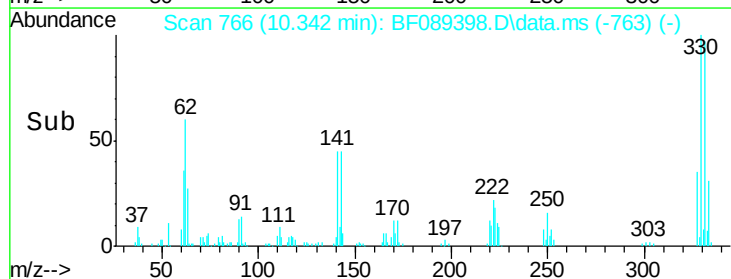
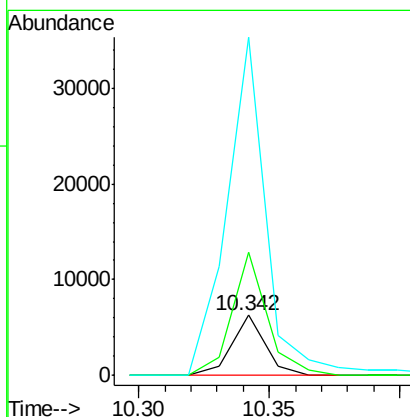
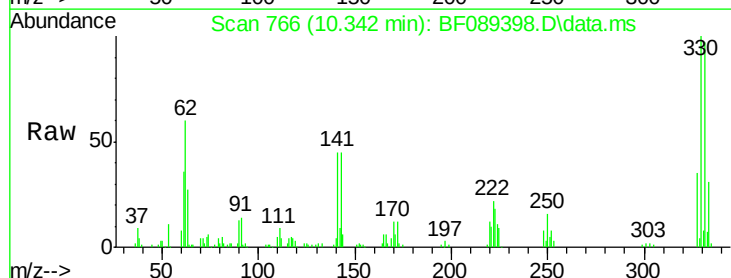
Instrument :
BNA_F
ClientSampleId :
HSR-WC-62-072616

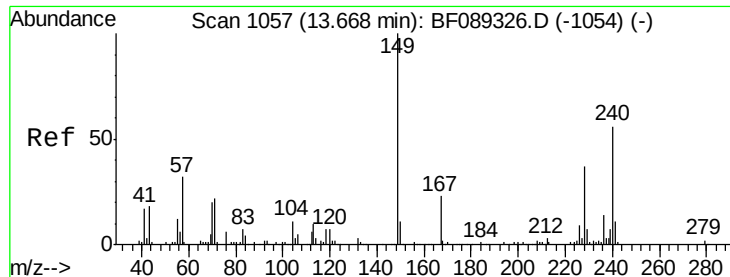
Tot Ion:188 Resp: 127380
Ion Ratio Lower Upper
188 100
94 8.0 6.5 9.7
80 9.0 7.2 10.8



#66
4-Bromophenyl-phenylether
Concen: 4.60 ng
RT: 10.342 min Scan# 766
Delta R.T. -0.263 min
Lab File: BF089398.D
Acq: 29 Jul 2016 8:22

Tgt Ion:248 Resp: 5598
Ion Ratio Lower Upper
248 100
250 206.5 78.2 117.2#
141 565.9 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: BF089398.D

Acq: 29 Jul 2016 8:22

Instrument :

BNA_F

ClientSampleId :

HSR-WC-62-072616

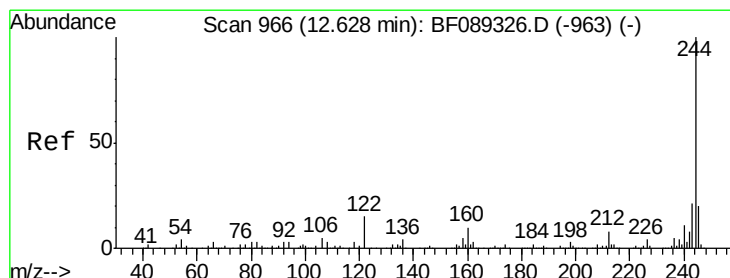
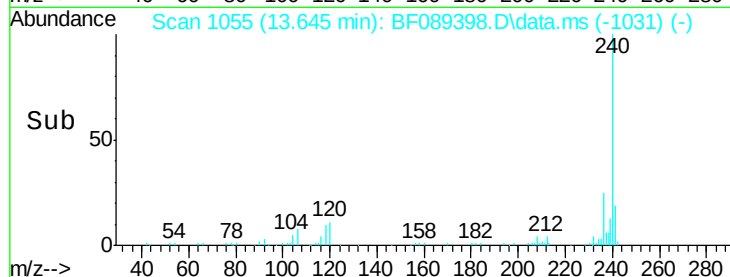
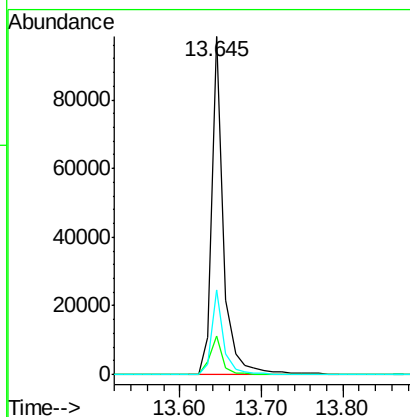
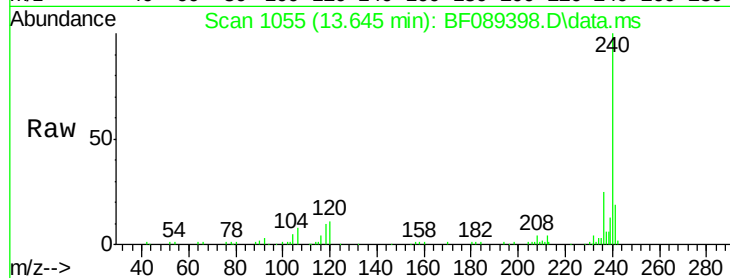
Tot Ion:240 Resp: 99977

Ion Ratio Lower Upper

240 100

120 11.3 9.1 13.7

236 24.9 20.6 30.8



#78

Terphenyl-d14

Concen: 84.12 ng

RT: 12.617 min Scan# 965

Delta R.T. -0.011 min

Lab File: BF089398.D

Acq: 29 Jul 2016 8:22

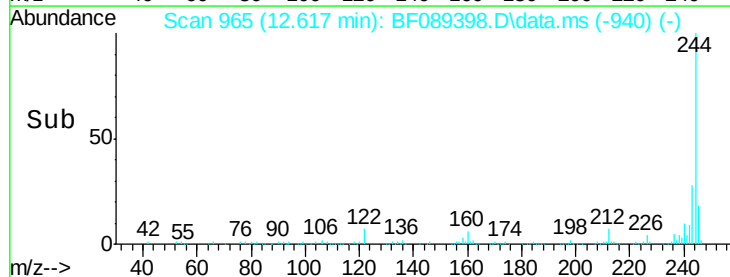
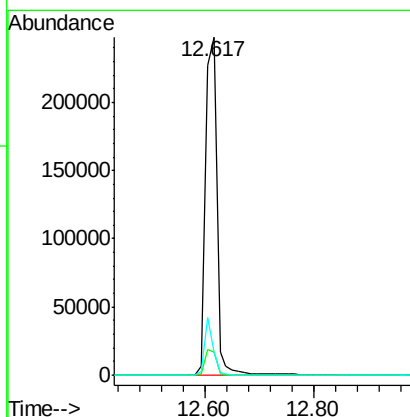
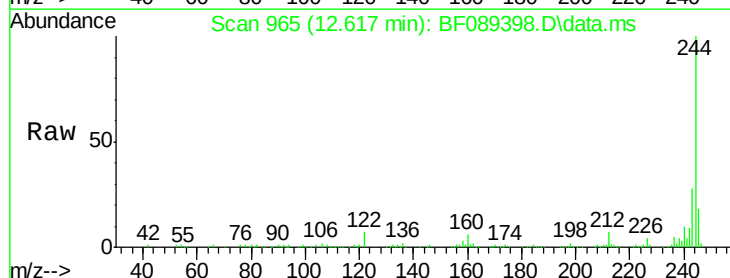
Tgt Ion:244 Resp: 359339

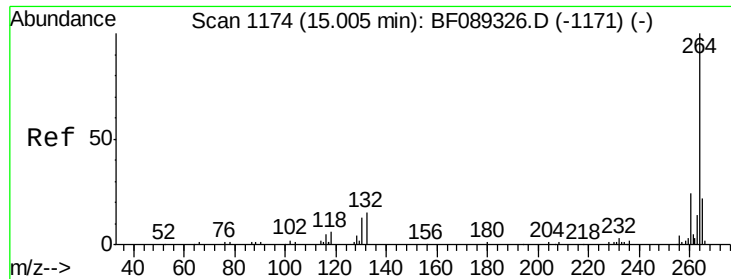
Ion Ratio Lower Upper

244 100

212 6.8 6.5 9.7

122 6.8 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: BF089398.D
 Acq: 29 Jul 2016 8:22

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-62-072616

Tot Ion: 264 Resp: 85712
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 20.8 17.5 26.3

