

Data Path : Z:\HPCHEM1\BNA F\Data\BF101916\
 Data File : BF090645.D
 Acq On : 19 Oct 2016 14:09
 Operator : UM/SJ
 Sample : PB94156BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BL

Quant Time: Oct 19 14:39:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 19:19:58 2016
 Response via : Initial Calibration

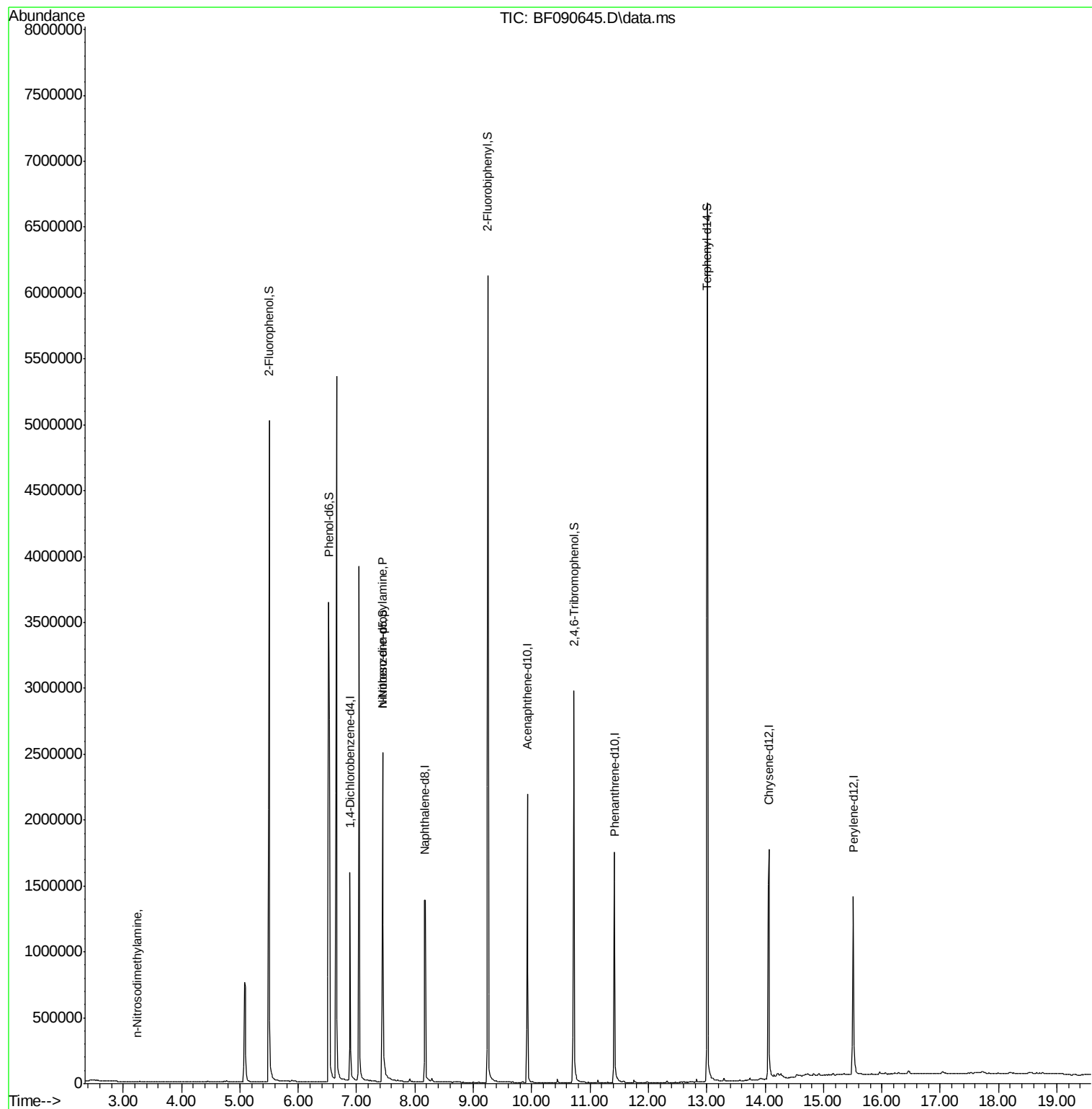
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.886	152	247653	20.00	ng	-0.02
21) Naphthalene-d8	8.177	136	1062295	20.00	ng	-0.02
38) Acenaphthene-d10	9.926	164	562893	20.00	ng	-0.03
63) Phenanthrene-d10	11.423	188	1022939	20.00	ng	-0.02
75) Chrysene-d12	14.064	240	927101	20.00	ng	-0.02
86) Perylene-d12	15.515	264	745484	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1534950	113.62	ng	-0.01
7) Phenol-d6	6.520	99	2073385	103.29	ng	-0.02
23) Nitrobenzene-d5	7.446	82	1226784	64.15	ng	-0.03
41) 2,4,6-Tribromophenol	10.726	330	598417	119.24	ng	-0.02
44) 2-Fluorobiphenyl	9.252	172	2124711	62.19	ng	-0.02
78) Terphenyl-d14	13.012	244	2605255	65.43	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	3.240	42	321	7.21	ng	# 1
19) n-Nitroso-di-n-propyla...	7.446	70	146793	10.67	ng	# 79

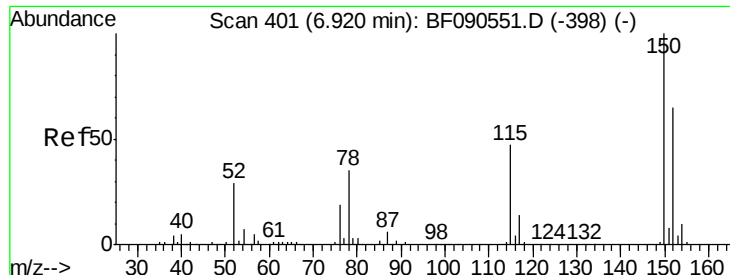
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.886 min Scan# 39

Delta R.T. -0.023 min

Lab File: BF090645.D

Acq: 19 Oct 2016 14:09

Instrument :

BNA_F

ClientSampleId :

PB94156BL

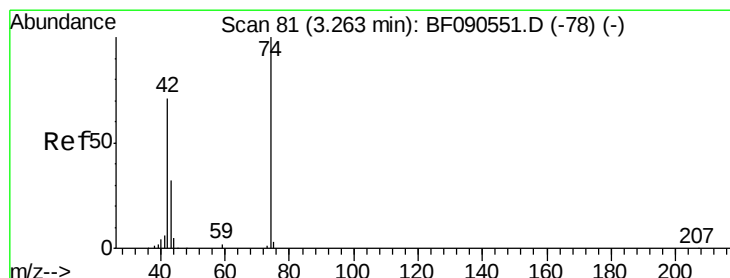
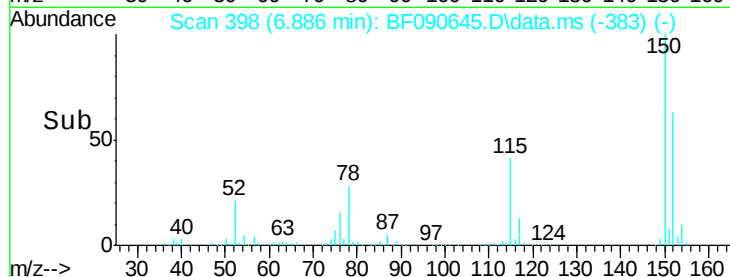
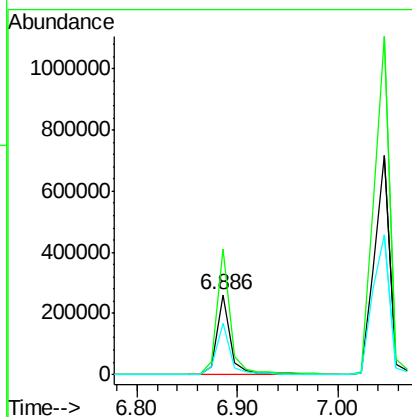
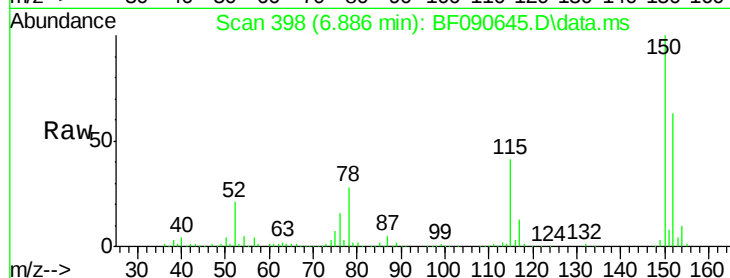
Tot Ion:152 Resp: 247653

Ion Ratio Lower Upper

152 100

150 157.9 127.2 190.8

115 64.8 58.6 88.0



#4

n-Nitrosodimethylamine

Concen: 7.21 ng

RT: 3.240 min Scan# 79

Delta R.T. 0.011 min

Lab File: BF090645.D

Acq: 19 Oct 2016 14:09

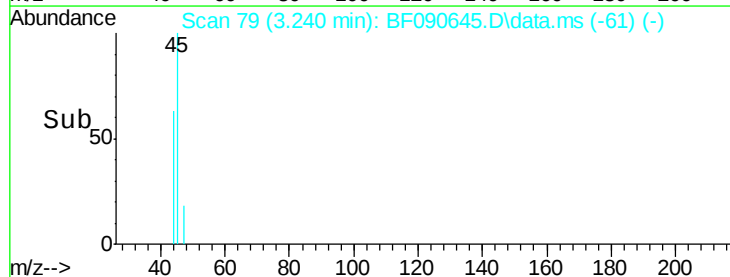
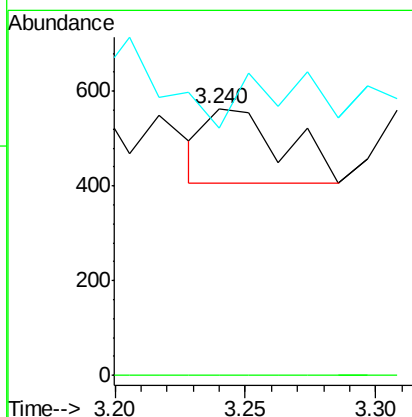
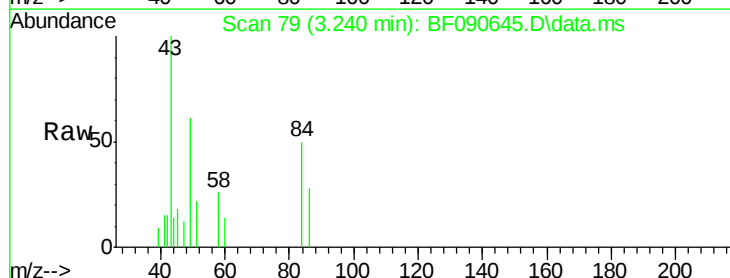
Tgt Ion: 42 Resp: 321

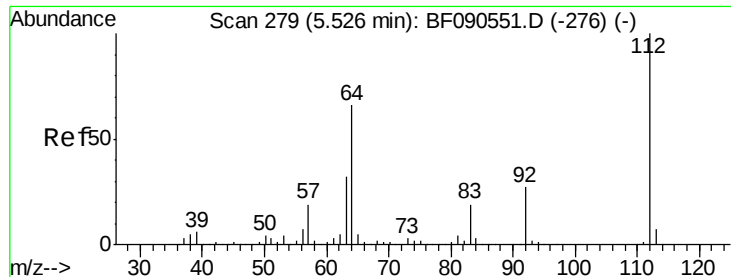
Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

44 92.7 6.0 9.0#

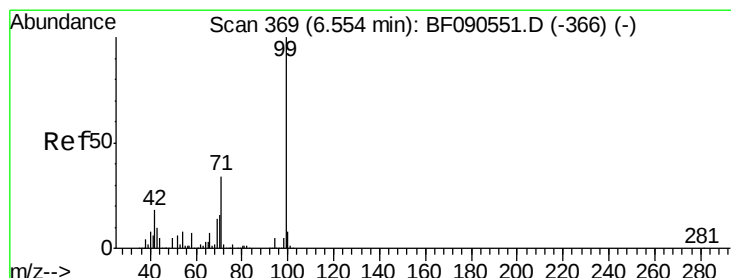
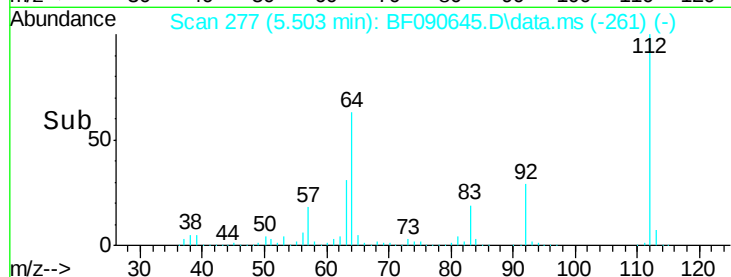
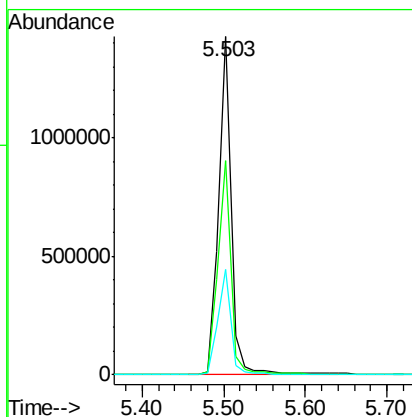
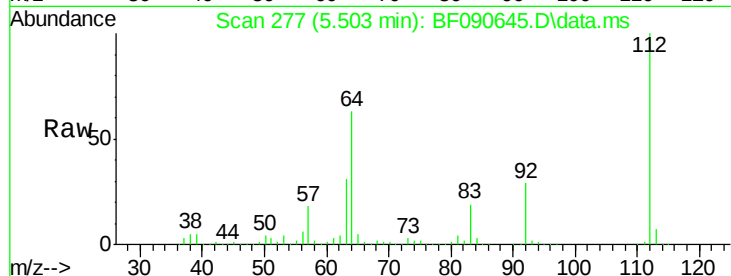




#5
2-Fluorophenol
Concen: 113.62 ng
RT: 5.503 min Scan# 27
Delta R.T. -0.012 min
Lab File: BF090645.D
Acq: 19 Oct 2016 14:09

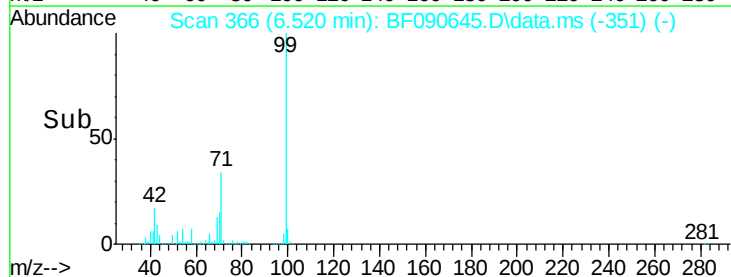
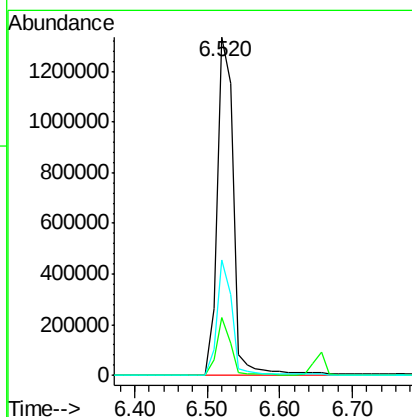
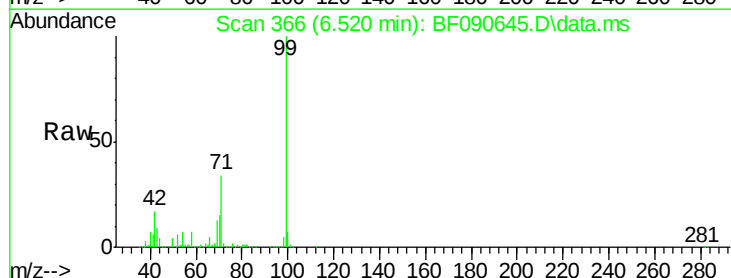
Instrument :
BNA_F
ClientSampleId :
PB94156BL

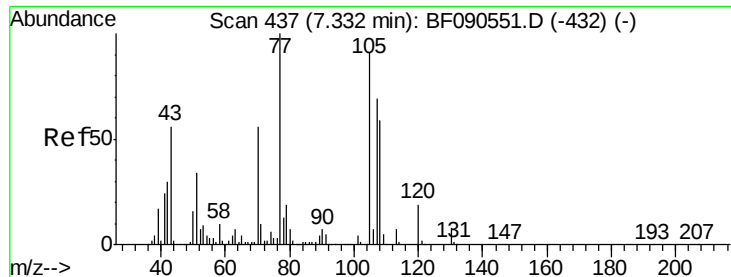
Tot Ion:112 Resp: 1534950
Ion Ratio Lower Upper
112 100
64 63.4 52.6 78.8
63 31.3 26.0 39.0



#7
Phenol-d6
Concen: 103.29 ng
RT: 6.520 min Scan# 366
Delta R.T. -0.023 min
Lab File: BF090645.D
Acq: 19 Oct 2016 14:09

Tgt Ion: 99 Resp: 2073385
Ion Ratio Lower Upper
99 100
42 16.9 14.7 22.1
71 33.9 27.6 41.4





#19

n-Nitroso-di-n-propylamine

Concen: 10.67 ng

RT: 7.446 min Scan# 44

Delta R.T. 0.114 min

Lab File: BF090645.D

Acq: 19 Oct 2016 14:09

Instrument :

BNA_F

ClientSampleId :

PB94156BL

Tot Ion: 70 Resp: 146793

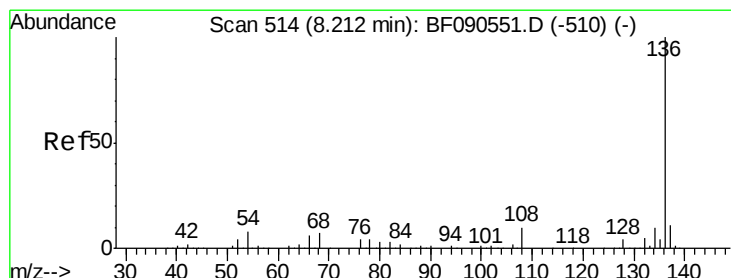
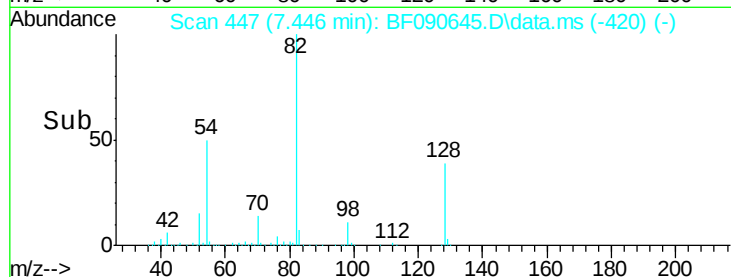
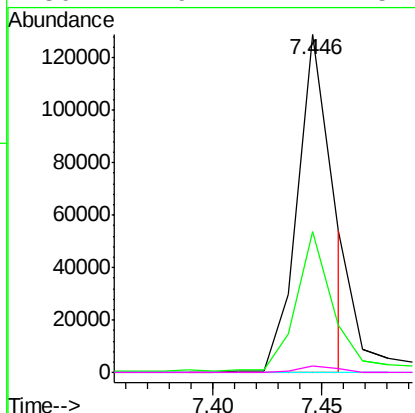
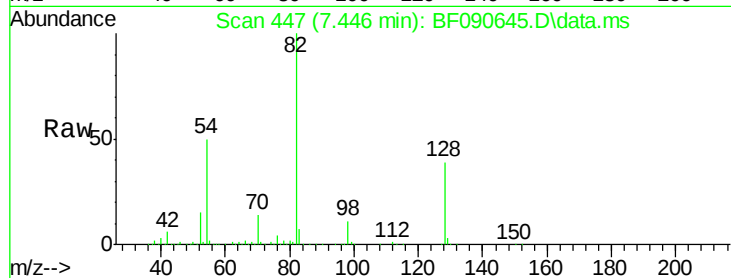
Ion Ratio Lower Upper

70 100

42 41.6 43.4 65.0#

101 0.0 6.4 9.6#

130 1.9 12.1 18.1#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.177 min Scan# 511

Delta R.T. -0.023 min

Lab File: BF090645.D

Acq: 19 Oct 2016 14:09

Tgt Ion:136 Resp: 1062295

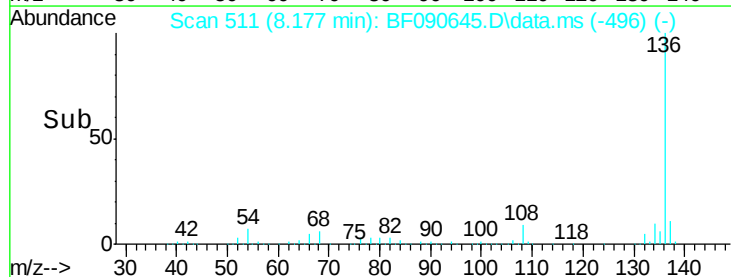
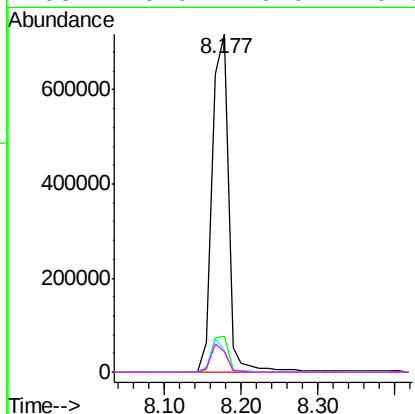
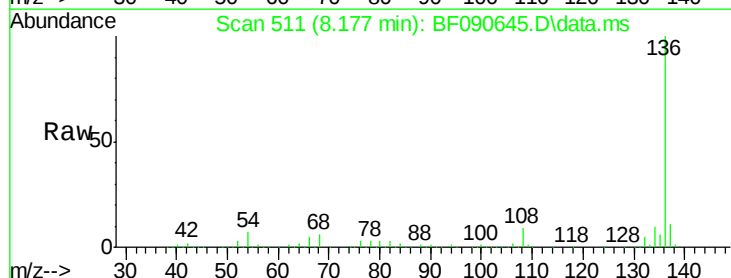
Ion Ratio Lower Upper

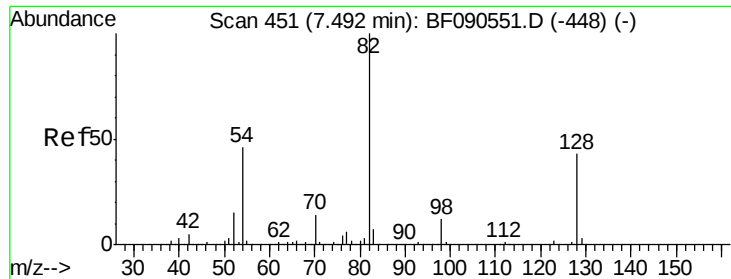
136 100

137 10.7 8.8 13.2

54 6.6 6.8 10.2#

68 6.0 6.0 9.0





#23

Nitrobenzene-d5

Concen: 64.15 ng

RT: 7.446 min Scan# 44

Delta R.T. -0.034 min

Lab File: BF090645.D

Acq: 19 Oct 2016 14:09

Instrument :

BNA_F

ClientSampleId :

PB94156BL

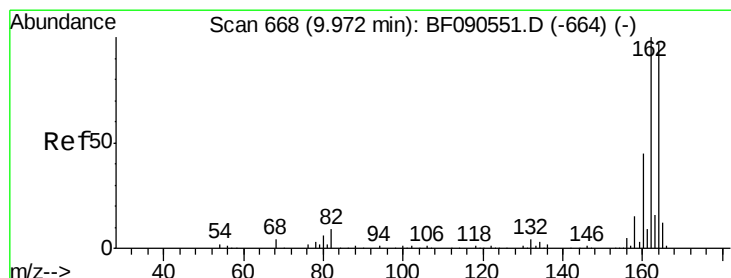
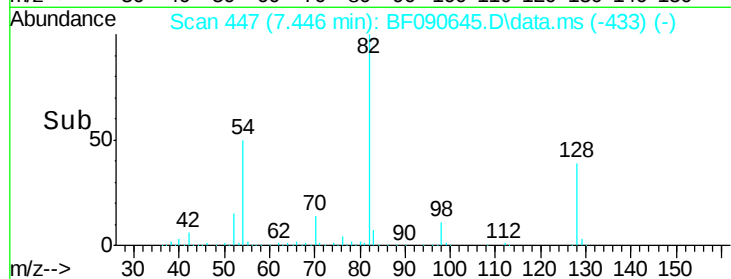
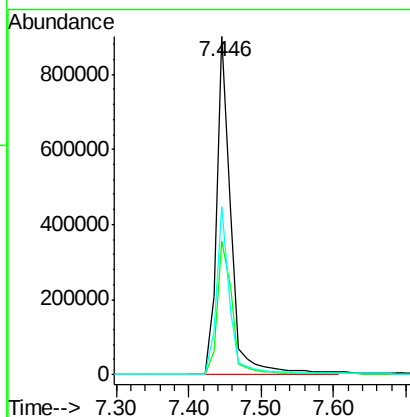
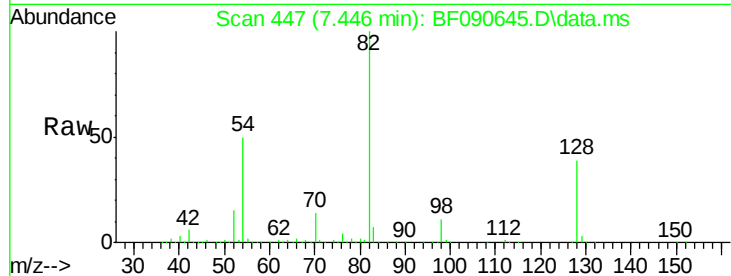
Tot Ion: 82 Resp: 1226784

Ion Ratio Lower Upper

82 100

128 39.5 34.3 51.5

54 49.6 37.0 55.6



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.926 min Scan# 664

Delta R.T. -0.034 min

Lab File: BF090645.D

Acq: 19 Oct 2016 14:09

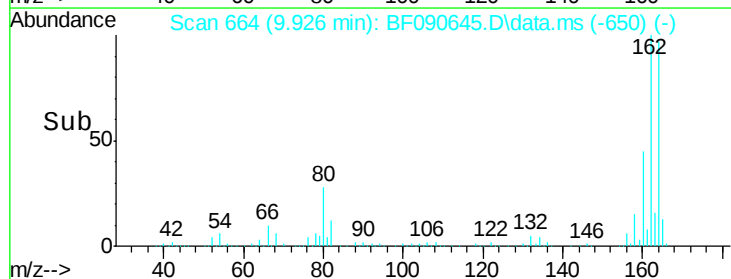
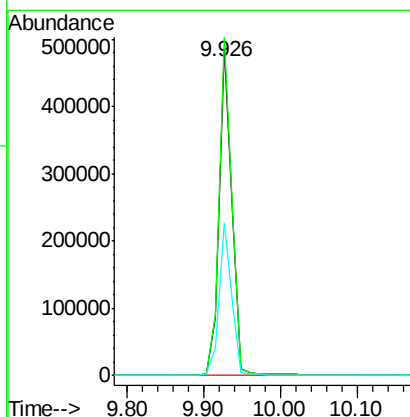
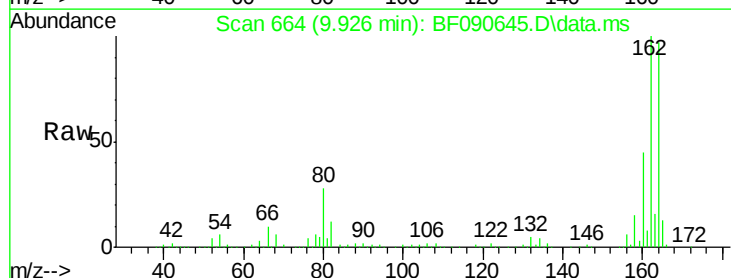
Tgt Ion:164 Resp: 562893

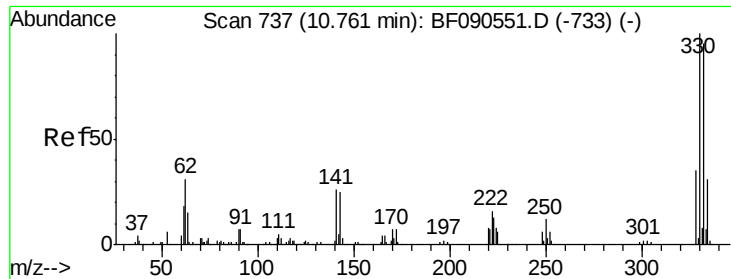
Ion Ratio Lower Upper

164 100

162 103.6 82.2 123.4

160 46.8 36.6 55.0

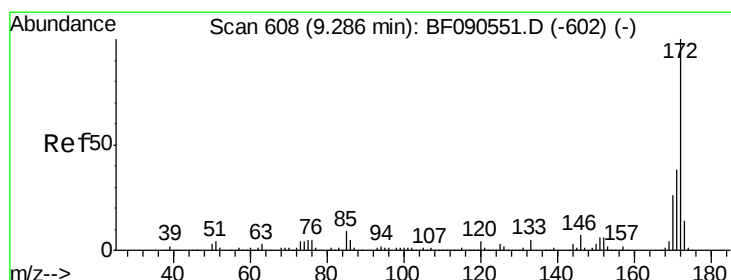
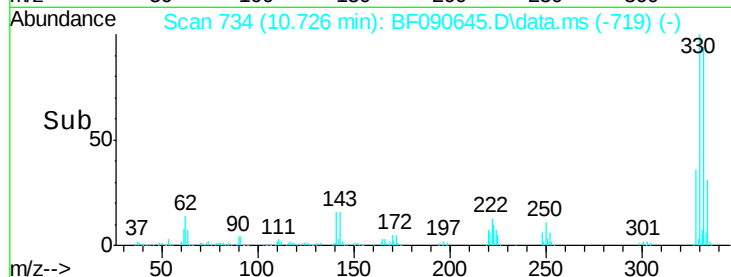
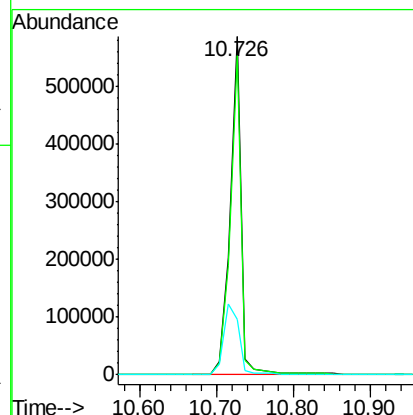
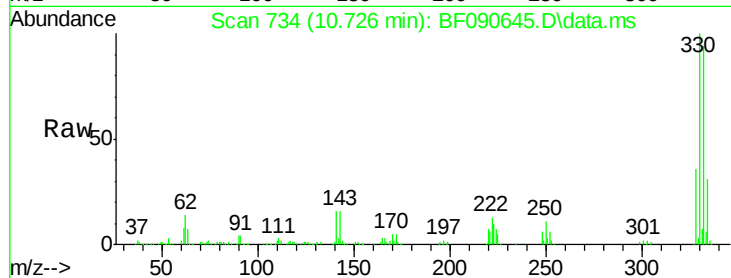




#41
 2,4,6-Tribromophenol
 Concen: 119.24 ng
 RT: 10.726 min Scan# 73
 Delta R.T. -0.023 min
 Lab File: BF090645.D
 Acq: 19 Oct 2016 14:09

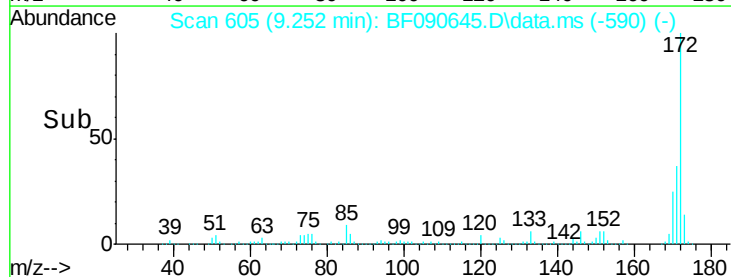
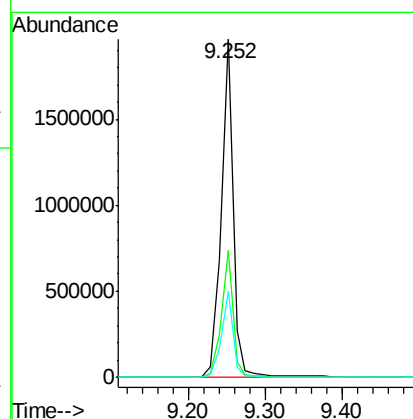
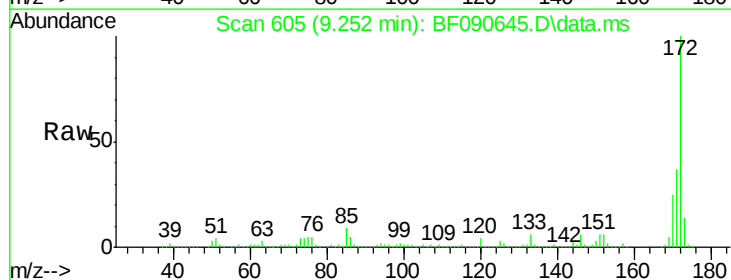
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 BNA_F
 ClientSampleId :
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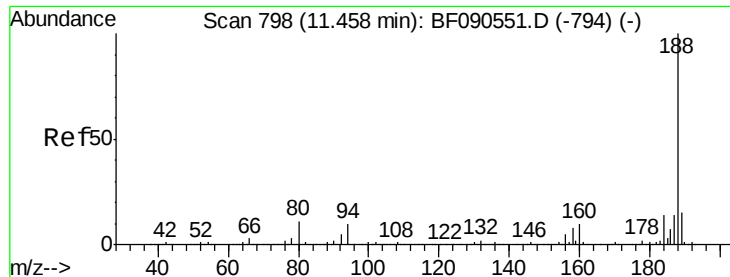
Tot Ion:330 Resp: 598417
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.2 114.2
 141 29.5 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 62.19 ng
 RT: 9.252 min Scan# 605
 Delta R.T. -0.023 min
 Lab File: BF090645.D
 Acq: 19 Oct 2016 14:09

Tgt Ion:172 Resp: 2124711
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.1 45.1
 170 25.5 20.6 30.8

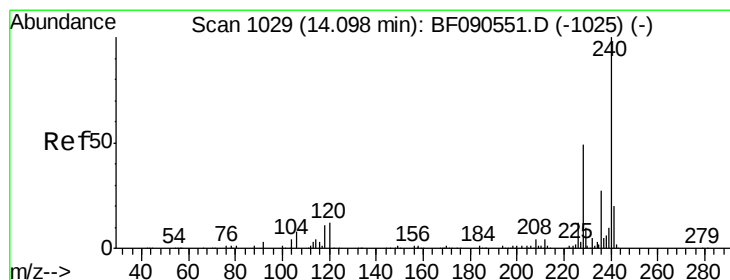
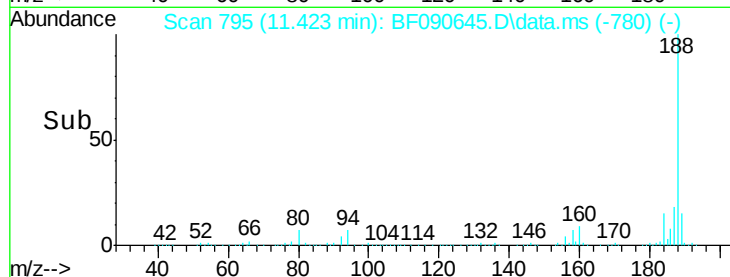
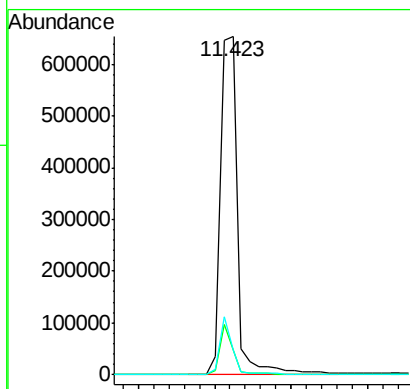
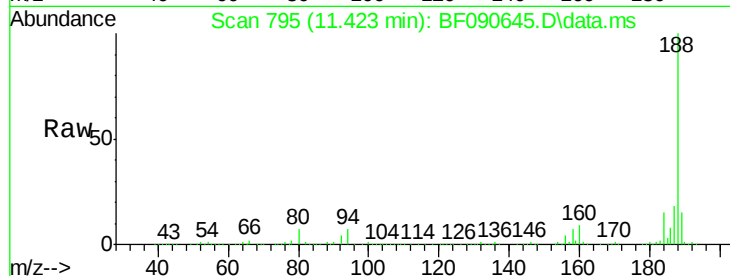




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.423 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF090645.D
Acq: 19 Oct 2016 14:09

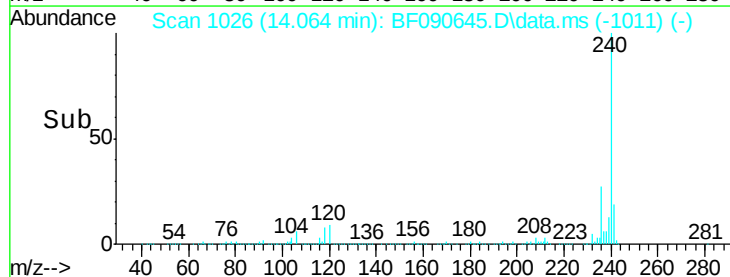
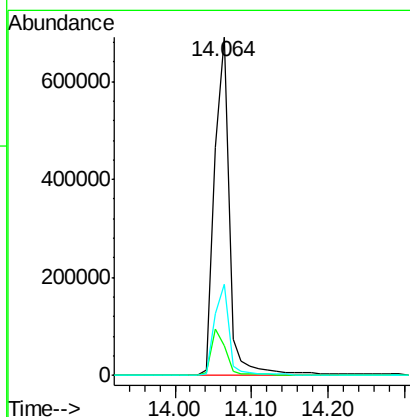
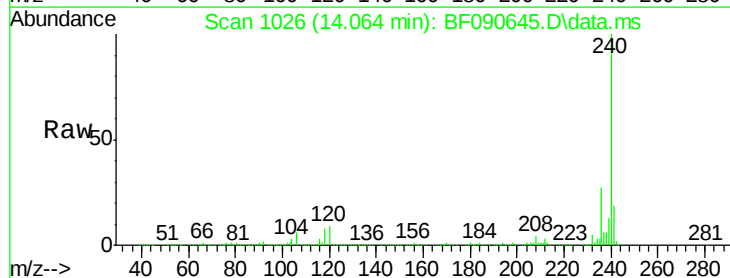
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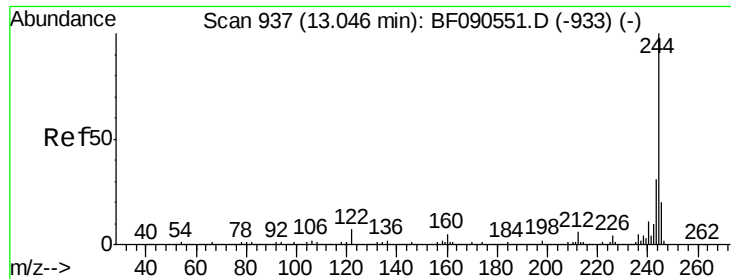
Tot Ion:188 Resp: 1022939
Ion Ratio Lower Upper
188 100
94 7.1 7.7 11.5#
80 7.4 8.6 12.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.064 min Scan# 1026
Delta R.T. -0.023 min
Lab File: BF090645.D
Acq: 19 Oct 2016 14:09

Tgt Ion:240 Resp: 927101
Ion Ratio Lower Upper
240 100
120 8.8 9.8 14.8#
236 26.9 21.7 32.5





#78

Terphenyl-d14

Concen: 65.43 ng

RT: 13.012 min Scan# 93

Delta R.T. -0.023 min

Lab File: BF090645.D

Acq: 19 Oct 2016 14:09

Instrument :

BNA_F

ClientSampleId :

PB94156BL

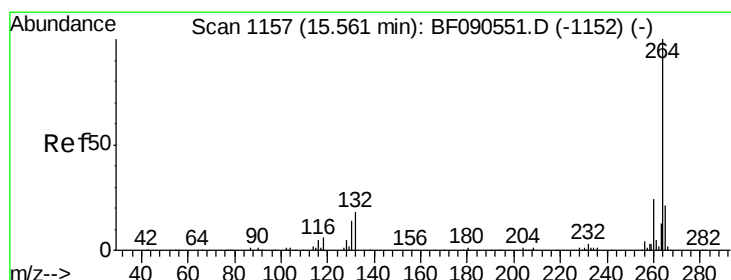
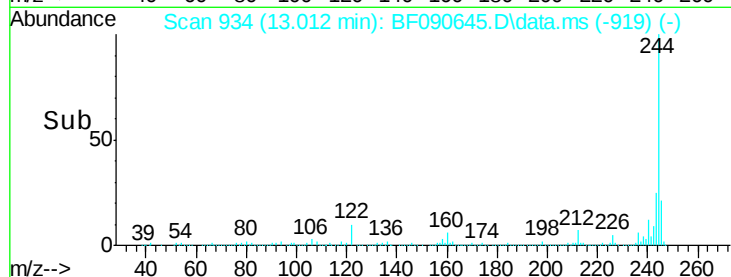
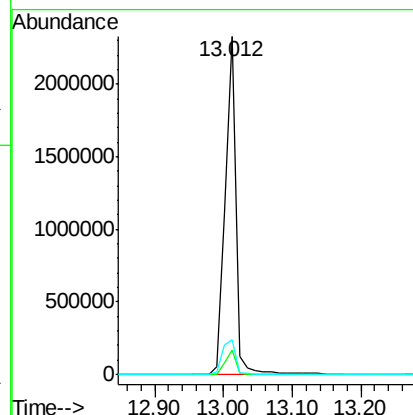
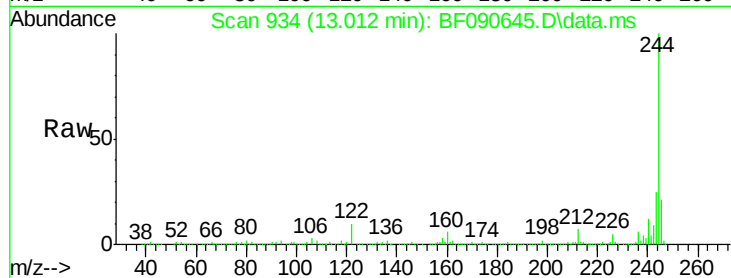
Tot Ion:244 Resp: 2605255

Ion Ratio Lower Upper

244 100

212 7.1 5.0 7.4

122 10.3 5.6 8.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.515 min Scan# 1153

Delta R.T. -0.023 min

Lab File: BF090645.D

Acq: 19 Oct 2016 14:09

Tgt Ion:264 Resp: 745484

Ion Ratio Lower Upper

264 100

260 25.2 19.3 28.9

265 21.7 16.7 25.1

